

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR
1959

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PREFACE

The University of Adelaide owes its origin to an act of far-seeing and generous self-denial. In 1872, Mr. (afterwards Sir) Walter Watson Hughes offered an endowment of £20,000 to Union College, an institution then established in Adelaide for the better education of Presbyterian, Congregational, and Baptist clergy. The Council of the College generously suggested to Mr. Hughes that his gift should be devoted to the more general object of founding a University. Mr. Hughes agreed to the proposal, the Honourable (afterwards Sir) Thomas Elder gave another £20,000, an association was formed to further the project, and as a result the University of Adelaide was established in 1874 by Act of Parliament passed by the South Australian Legislature.

The Act of Incorporation provided, *inter alia*, for an annual subsidy of five per cent. on the capital funds of the University up to a maximum in any one year of £10,000, an endowment of 50,000 acres of land, and a grant of 5 acres in the City of Adelaide as a site for the University buildings. The country lands were subsequently repurchased in 1915 by the Government for £40,000; the limit of the subsidy on endowments has been raised from time to time by Parliament until it is now £40,000 a year; and the University site has been added to until it now comprises 27 acres.

The academic work of the University began in March, 1876, with 8 matriculated and 52 non-graduating students attending classes in Arts and Science subjects. But very early in its existence the University sought to meet, as far as it could, the needs of South Australia in the training of men for the professions. Beginning with Law in 1883 and Medicine in 1885, courses of professional training in various fields have been added from time to time to the curriculum, so that the University now grants degrees in Arts, Economics, Science, Agricultural Science, Engineering, Architecture, Law, Medicine, Dentistry, Music and Technology, and diplomas in Education, Physical Education, Public Administration, Music, Pharmacy, Social Science, Physiotherapy, and Arts and Education. In 1880 it was authorised by Act of Parliament to grant degrees to women, and in 1881 Letters Patent were issued by Her Majesty Queen Victoria declaring that the degrees granted by it should be recognised as academic distinctions and rewards of merit and be entitled to rank, precedence, and consideration throughout the British Empire as if granted by any University in the United Kingdom. A supplementary Charter was granted by Letters Patent in 1913.

The growth of the University in students and staff is indicated by the following statistics: by the end of 1958 the University had conferred 8,155 degrees and 3,642 diplomas by examination, and 616 degrees and 15 diplomas by admission *ad eundem gradum*; in 1958 there were 3,641 matriculated students, 860 non-graduating students (mostly proceeding to sub-graduate diplomas) and 315 graduates proceeding to higher degrees or post-graduate diplomas, apart from the

373 students at the Elder Conservatorium of Music; and the staff of four professors in 1876 had grown to thirty-six professors, over 200 full-time readers, senior lecturers and lecturers, and over 180 part-time lecturers and teachers.

The foundation stone of the first University building was laid in 1879 and the building was opened in 1882. The only additions during the next twenty years were extensions to the original building; but early in the new century came the Elder Conservatorium of Music, the Prince of Wales building (then used for Science and Engineering) and the Anatomy school. In the interval between the two great wars the Darling Building, the Physics building, the Refectory, the Lady Symon Building for women, the Johnson Chemistry laboratories, the Barr Smith Library, the George Murray Building for men, and the Benham laboratories were added on the University site, and the Waite Agricultural Research Institute was established at Glen Osmond.

The war of 1939-45 brought with it new obligations for the University, first in training enough professional men to meet the needs of the services and ancillary industry, and then in training for the professions the large numbers of ex-service men and women who were eligible to enrol under the Commonwealth Reconstruction Training Scheme. To discharge these obligations fully, the University needed greatly expanded accommodation, equipment and staff. Established by the Commonwealth Government in 1942, and charged with administering the Commonwealth Reconstruction Training Scheme so far as students training for the professions were concerned, the Universities Commission greatly helped the University in securing from the Commonwealth Government in the first instance the finance necessary. With capital advances amounting in all to about £343,000 thus provided, extensions were made to the laboratories for Physics, Chemistry and Agricultural Science, new buildings for Mathematics, Mechanical Engineering, Civil, Electrical, Mining and Metallurgical Engineering, and for the Medical School were erected, and extensive equipment for the engineering and science departments was obtained. Under an Act of the State Parliament in 1946 the Treasurer, with the approval of the Governor, guaranteed payment by the University of the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which had been provided by the Commonwealth in the first instance. And over three financial years beginning in 1947 the State Parliament granted a further £210,000 to enable the University to complete the final unit—a new building for Geology—in a building programme which affected every Faculty. In 1954 it gave another £50,000 to enable another floor to be added to the Medical School for the accommodation of the Department of Bacteriology.

In 1950 the State Government undertook to ask Parliament to provide for the University each year an annual grant sufficient to enable the University to maintain its work on a basis equivalent to that of the Universities in the Eastern States of Australia.

In addition to such Governmental support, the University from its foundation has been especially fortunate in the number and extent of the benefactions it has received from private citizens and public

companies, and many of the most important developments within the University, both in buildings and in staff, have been the outcome of such generous gifts.

The principal benefactors of the University have been:—

Sir Walter Watson Hughes—£20,000 to endow chairs in Classics and Philosophy;

Sir Thomas Elder—£20,000 to endow chairs in Mathematics and Natural Science, £31,000 to endow the medical school, £21,500 to endow the school of Music, and £26,000 as an endowment for general purposes;

The Hon. J. H. Angas—£4,000 to found a scholarship in Engineering and £6,000 to endow the chair of Chemistry;

R. Barr Smith and family—£20,000 as an endowment for the purchase of books for the University Library;

Mr. Peter Waite and his daughters Elizabeth Macmeikan and Lily Waite—an estate and gifts valued at about £129,000 to advance the cause of education in Agriculture, Forestry and allied subjects;

The family of the late John Darling—£15,000 for a building for the Medical School, and £10,000 for a laboratory for soils research at the Waite Institute;

Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature;

Mrs. Jane Marks—£30,000 endowment for the Medical school;

Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£20,900 (estimate) for the advancement of Medical research (subsequently increased by capitalisation of £10,000 accumulated income).

The Hon. Sir Langdon Bonython—£20,000 to endow the Chair of Law, and £52,000 for a Great Hall;

Sir Josiah Symon—£9,500 for the Lady Symon Building for the Women's Union;

Sir Joseph Verco—£5,000 for the publication of research in the Medical sciences, and £4,300 for the Medical and Dental Schools;

Sir John Melrose—£10,000 for a chemical laboratory at the Waite Institute;

T. E. Barr Smith—£34,000 for a building for the Library, and £10,000 for the purchase of books;

R. L. Johnson—£12,000 (estimate) for chemical laboratories;

Miss M. T. Murray—£53,300 (estimate) for general purposes;

Sir George Murray—£10,000 for a Men's Union Building, and £79,700 (estimate) for general purposes;

Edward Neale—£29,000 (estimate) for Medical Research;

Mrs. R. F. Mortlock and Mr. J. T. Mortlock—£25,000 for research into soil erosion and the regeneration of pastures; a bequest of £5,000 from Mrs. R. F. Mortlock for cancer research; and £20,000 from Mr. J. T. Mortlock for scientific research in the Medical School.

Sir William Mitchell—£20,000 to endow the Chair of Biochemistry, and £5,000 for the purchase of books for the Library;

F. Lucas Benham—£51,400 (estimate) to encourage the study of natural history;

Hugh Hughes—£35,100 (estimate) for pastoral research;

The Broken Hill Pty. Co. Ltd.—£15,000 to endow the Chair in Mining and Metallurgy, £10,000 towards founding a Chair in Economic Geology, and £5,000 towards founding Chairs in Electrical and Mechanical Engineering;

North Broken Hill Ltd., £17,500, and Broken Hill South Ltd. and The Zinc Corporation Ltd., each £10,000 towards founding a Chair in Economic Geology.

W. H. Sandland—£15,000 for the work of the Waite Agricultural Research Institute.

W. D. Grigg—£18,300 for the work of the Waite Agricultural Research Institute.

Mrs. J. T. Mortlock—£10,000 to support and to develop the John Mortlock Research Station for pastoral research.

Mrs. G. Hastings—£50,000 for the promotion of medical research with a bequest (in 1955) of another £50,000 and the residue of her estate for the same purpose.

Sir Tom Barr Smith—nearly £14,000 to establish a scholarship tenable at Cambridge.

The University is governed by a Council, which until 1911 consisted of 20 members elected by the Senate, one-quarter retiring every year, but being eligible for re-election. Since 1911, under an amending Act passed in that year, the State Parliament has appointed from among its own members five additional members of the Council who hold office during the life of the Parliament appointing them. And if the Chancellor and the Vice-Chancellor are not members of the Council at the time of their election or appointment, they thereupon become *ex-officio* members. The Council thus now consists of 27 in all.

The Senate consists of all graduates holding a degree of Master or Doctor and all other graduates of three years' standing. All Statutes and Regulations must be passed both by the Council and by the Senate and be approved by the Governor of South Australia, who is *ex-officio* Visitor to the University.

LETTERS PATENT

Dated 22nd March, 1881

Victoria, by the Grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, Empress of India: To all to whom these Presents shall come, greeting.

WHEREAS, under and by virtue of the provisions of three Acts of the Legislature of South Australia, respectively known as "The Adelaide University Act," "The Adelaide University Act Amendment Act," and "The University of Adelaide Degrees Act," a University consisting of a Council and Senate has been incorporated and made a body politic with perpetual succession, under the name of "The University of Adelaide," with power to grant the several Degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music and Doctor of Music.

And whereas the Chancellor, Vice-Chancellor, and Council of the said University, by their humble petition under the common seal of the University, have prayed Us to the effect following (that is to say):

To grant Our Letters Patent, declaring that the aforesaid Degrees already conferred or hereafter to be conferred by the University of Adelaide shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration within Our Dominions as fully as if the said degrees had been conferred by any University in Our United Kingdom of Great Britain and Ireland and that such recognition may extend to Degrees conferred on women.

Now know ye that We, having taken the said petition into Our Royal consideration, do, by virtue of Our prerogative and of Our special grace, certain knowledge, and mere motion, by these presents, for Us Our heirs and successors, will and ordain as follows:

I. The degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, and Doctor of Music, heretofore granted or conferred and hereafter to be granted or conferred by the said University of Adelaide on any person, male or female, shall be recognised as academic distinctions and rewards of merit, and be entitled to rank, precedence, and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world, as fully as if the said Degrees had been granted by any University of Our said United Kingdom.

II. No variation of the constitution of the said University which may at any time, or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul, abrogate, circumscribe, or diminish the privileges conferred on the said University by these Our Letters Patent, nor the rank, rights, privileges, and considerations conferred by such Degrees, so long as the standard of knowledge now established, or a like standard, be preserved as a necessary condition for obtaining the aforesaid Degrees.

III. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by Our Governor of South Australia for the time being.

In witness whereof We have caused these Our Letters to be made Patent. Witness Ourselves at Westminster, the 22nd day of March, in the Forty-fourth year of Our Reign.

By warrant under the Queen's Sign Manual.

PALMER.

SUPPLEMENTARY CHARTER

For Recognising Degrees in Surgery and Engineering

Dated 2nd September, 1913

George the Fifth by the Grace of God of the United Kingdom of Great Britain and Ireland and of the British Dominions beyond the Seas King Defender of the Faith Emperor of India: To all to whom these presents shall come, greeting.

WHEREAS Her late Most Gracious Majesty Queen Victoria by Charter under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date at Westminster the 22nd day of March 1881 in the forty-fourth year of Her Reign did will grant and declare that the Degrees of Bachelor of Arts Master of Arts Bachelor of Medicine Doctor of Medicine Bachelor of Laws Doctor of Laws Bachelor of Science Doctor of Science Bachelor of Music and Doctor of Music theretofore granted or conferred and thereafter to be granted or conferred by the University of Adelaide on any person male or female should be recognised as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in the United Kingdom and in the Colonies and Possessions thereof throughout the world as fully as if the said Degrees had been granted by any University in the said United Kingdom And whereas Our trusty and well beloved Sir Day Hort Bosanquet Knight Grand Cross of The Royal Victorian Order Knight Commander of The Most Honourable Order of the Bath Governor of our State of South Australia hath forwarded to Us through one of our Principal Secretaries of State a petition from the University of Adelaide dated 31st day of January 1913 praying for an extension of the said Charter of the 22nd day of March 1881 and for the recognition of Degrees in Surgery and Engineering already conferred or hereafter to be conferred by the said University.

And whereas under and by virtue of the provisions of an Act of the Legislature of South Australia No. 441 of 1888 the short title whereof is "The Degrees in Surgery Act" the University of Adelaide is now empowered to confer the Degrees of Bachelor and Master of Surgery and whereas under and by virtue of another Act of the said Legislature No. 1058 of 1911 the short title whereof is "The Adelaide University Act Amendment Act 1911" the said University is now empowered to confer the Degrees of Bachelor of Engineering and

Master of Engineering NOW KNOW YE that we taking the premises into consideration do will grant and declare

1. That the Degrees of Bachelor and Master in Surgery and Bachelor and Master in Engineering heretofore granted or conferred or hereafter to be granted or conferred by the University of Adelaide shall be recognized as Academic distinctions and rewards of merit and be entitled to rank precedence and consideration in Our United Kingdom and in Our Colonies and Possessions throughout the world as fully as if the said Degrees had been granted by any University in Our said United Kingdom.

2. No variation of the constitution of the said University which may at any time or from time to time be made by any Act of the Legislature of South Australia shall in any manner annul abrogate circumscribe or diminish the privileges conferred on the said University by these Our Letters Patent nor the rank rights privileges and considerations conferred by such lastly-mentioned Degrees so long as the standard of knowledge now established or a like standard be preserved as a necessary condition for obtaining the aforesaid lastly-mentioned Degrees.

3. Any such standard shall be held sufficient for the purposes of these Our Letters Patent if so declared in any proclamation issued by our Governor of South Australia for the time being.

In witness whereof we have caused these Our Letters to be made Patent.

Witness our self at Westminster the second day of September in the fourth year of our Reign.

By Warrant under the King's Sign Manual

UNIVERSITY OF ADELAIDE ACT, 1935.

No. 2228.

An Act to consolidate certain Acts relating to the University of Adelaide

(Assented to 5th December, 1935.)

BE IT ENACTED by the Governor of the State of South Australia, with the advice and consent of the Parliament thereof, as follows:—

Short Title

1. This Act may be cited as the "University of Adelaide Act, 1935." Acts Consolidated and Repealed

2. (1) This Act is a consolidation of the Acts mentioned in the first schedule, and the said Acts are hereby repealed.

(2) The repeal of the said Acts shall not affect any Statutes or Regulations made and in force under the said Acts, to the extent that they are not inconsistent with the provisions of this Act, but they shall, to that extent, have the same effect as if this Act had been in force when they were made and conferred power to make them, and they had been made hereunder.

Interpretation

3. In this Act, unless some other meaning is clearly intended—

“Council” means the Council of the University of Adelaide;

“Senate” means the Senate of the University of Adelaide;

“University” means the University of Adelaide.

Incorporation and Continuance of University

4. (1) The University established at Adelaide pursuant to The Adelaide University Act is hereby continued.

(2) The University shall consist of a Council and a Senate.

(3) The University shall be a body politic and corporate by the name of “The University of Adelaide” and by that name—

(a) shall have perpetual succession;

(b) shall adopt and have a common seal;

(c) shall sue and be sued in all courts in South Australia;

(d) shall be capable in law to take, purchase, and hold all personal property whatsoever;

(e) shall be capable in law to receive, take, purchase, and hold for ever not only such lands, buildings, hereditaments and possessions as may from time to time be exclusively used or occupied for the immediate requirements of the University, but also any other lands, buildings, hereditaments, and possessions whatsoever, situated in South Australia or elsewhere;

(f) shall, subject to sub-section (4), be capable in law to grant, demise, alien, or otherwise dispose of, all or any of the real or personal property belonging to the University;

(g) shall be capable in law to do all other matters and things incidental or appertaining to a body politic and corporate.

(4) The University shall not alien, mortgage, charge, or demise any lands, tenements, or hereditaments of the University unless with the approval of the Governor except by way of lease for any term not exceeding twenty-one years from the time when the lease is made in and by which there is reserved during the whole of the term, the highest rent that can be reasonably obtained for the same, without fine.

The Council

5. (1) Subject to section 12, the Council shall consist of twenty-five members.

(2) Twenty of the members of the Council shall be elected by the Senate in manner provided by section 6.

(3) Five of the members of the Council shall be elected by the Parliament of South Australia in the manner provided by sections 7, 8, 9, and 10.

(4) Not more than four ministers of religion shall be members of the Council at the same time.

Election of Members of Council by Senate

6. The members of the Council elected by the Senate shall be elected in accordance with the following rules:—

- (i) At the expiration of every year the five members of the Council who have been longest in office shall retire, but shall be eligible for re-election, and if more members shall have been in office for the same period the order of their retirement shall be decided by ballot;
- (ii) All vacancies which shall occur in the Council by retirement, death, resignation, or otherwise, shall be filled as they may occur, by the election of such persons as the Senate shall elect at meetings duly convened for the purpose;
- (iii) If the Senate fails to elect a person to fill a vacancy in the Council within six months of the occurrence of the vacancy, the Governor may nominate a person to fill the vacancy.

Election of Members of Council by Parliament

7. (1) Of the five members of the Council appointed by Parliament two shall be appointed by the Legislative Council, and three by the House of Assembly.

(2) The said members shall be appointed by ballot.

(3) No person shall be eligible for appointment under this section unless he is a member of the House of Parliament by which he is appointed.

Time of Appointment and Tenure of Office

8. (1) At the beginning of every Parliament five members of the Council shall be appointed in manner provided in section 7.

(2) Upon the notification, in manner mentioned in section 11, of the appointment by either House of Parliament of members as mentioned in sub-section (1), the members of the Council appointed by that House and then in office shall retire: Provided that any member so appointed shall be eligible for reappointment from time to time.

Effect of Councillor Ceasing to be Member of Parliament

9. In case any member of the Council appointed by either House of Parliament ceases to be a member of the House of Parliament which appointed him, otherwise than by the expiration or dissolution of Parliament, he shall thereupon cease to be a member of the Council.

Filling of Vacancies

10. When a vacancy in the office of a member of the Council appointed by either House of Parliament occurs through death, resignation, or otherwise, a member to fill the vacancy shall be appointed by the House of Parliament which appointed the member whose office has become vacant. The member so appointed shall hold office for the remainder of the term of office of the person in whose place he is appointed.

President's or Speaker's Notice of Appointment to be Conclusive Evidence

11. A notice in writing addressed to the Chancellor, and signed by the President or Deputy President of the Legislative Council or by the Speaker or Deputy Speaker of the House of Assembly, as the case may be, certifying that the person or persons therein named has or have been appointed by Parliament a member or members of the Council, shall be conclusive evidence of the matters therein stated, and of the validity of the appointment.

Election of Chancellor and Vice-Chancellor

12. (1) The Council shall elect a Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise, and shall elect a Vice-Chancellor whenever a vacancy occurs in that office by death, resignation, expiration of tenure, or otherwise.

(2) Every Chancellor and Vice-Chancellor shall hold his office for five years, or for such other term as shall be fixed by the Statutes and Regulations of the University made previously to his election.

*(3) The Vice-Chancellor shall, in all cases, be elected by the Council out of their own body.

*(4) If the Chancellor is not a member of the Council at the time of his election he shall, from and after his election, become a member of the Council during the term of his office, and in any such case, and for the said period, the Council shall consist of twenty-six members.

Constitution of Senate

13. (1) The Senate shall consist—

- (a) of all graduates admitted by the University to any of the degrees of Master of Arts, Doctor of Medicine, Doctor of Laws, Doctor of Science, Doctor of Music, Master of Surgery, Master of Engineering, or Doctor of Dental Science;
- (b) of all persons admitted to a degree constituted by the University by Statute or Regulation of the status of a Master or a Doctor; and
- (c) of all other graduates of the University of three years' standing.

(2) A graduate of another university admitted to a degree in the University of Adelaide shall reckon his standing from the date of his graduation in such other university.

Election of Warden

14. The Senate shall, every year, or whenever a vacancy shall occur, elect a Warden out of their own body.

Conduct of Business

15. (1) All questions which shall come before the Council or Senate respectively shall be decided by the majority of the members present.

* Amended by the University of Adelaide Act Amendment Act, No. 10 of 1942.

(2) The Chairman at any meeting of the Council or the Senate shall have a vote, and in case of an equality of votes, a casting vote.

(3) No question shall be decided at any meeting of the Council unless six members thereof be present, or at any meeting of the Senate unless twenty members thereof be present.

Chairmanship of Council and Senate

16. At every meeting of the Council the Chancellor, or in his absence the Vice-Chancellor, shall preside as Chairman, and at every meeting of the Senate the Warden shall preside as Chairman, and in the absence of the Chancellor and Vice-Chancellor, the members of the Council present, and in the absence of the Warden, the members of the Senate present, shall elect a Chairman.

Management of the University

17. The Council shall have full power to appoint and dismiss all professors, lecturers, examiners, officers, and servants of the University, and shall have the entire management and superintendence over the affairs, concerns, and property thereof, subject to the Statutes and Regulations of the University.

Power to Make Statutes

18. (1) The Council shall have full power to make, alter, and repeal any Statutes and Regulations (so far as the same be not repugnant to any existing law or to the provisions of this Act) touching any of the following purposes, namely:—

- (i) Any election;
- (ii) The discipline of the University;
- (iii) The number, stipend, and manner of appointment and dismissal of the professors, lecturers, examiners, officers, and servants of the University;
- (iv) The matriculation of students;
- (v) Examinations for fellowships, scholarships, prizes, exhibitions, degrees, or honours, and the granting of the same respectively;
- (vi) The fees to be charged for matriculation, or for any examination or degree;
- (vii) The lectures or classes of the professors and lecturers, and the fees to be charged;
- (viii) The manner and time of convening the meetings of the Council and Senate;
- (ix) The constitution of any degree;
- (x) The admission, without examination, to degrees which the University has power to confer, of persons who have graduated at any other University;

- (xi) The affiliation to or connection with the University of any college or educational establishment with the consent of the governing body of any such college or educational establishment, and the licensing and supervision of boarding-houses intended for the reception of students, and the revocation of the said licences: Provided that no Statute or Regulation made pursuant to this paragraph shall affect the religious observances or regulations enforced in any such colleges, educational establishments, or boarding-houses;
 - (xii) In general, all other matters whatsoever regarding the University.
- (2) No new Statute or Regulation, or alteration or repeal of any existing Statute or Regulation, shall be of any force until approved by the Senate.
- (3) All Statutes and Regulations made pursuant to this section shall be reduced into writing, and shall, after the common seal of the University has been affixed thereto, be submitted to the Governor to be allowed and countersigned by him. After any Statute or Regulation has been allowed and countersigned by the Governor, it shall be binding upon the University and upon all candidates for degrees to be conferred by the University, and upon all professors, lecturers, examiners, officers, graduates, diploma-holders, and servants of the University, and upon all students of the University.

Power to Confer Degrees

19. (1) The University shall have power to confer upon any person after examination and in accordance with the Statutes and Regulations of the University, the several degrees of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Science, Doctor of Science, Bachelor of Music, Doctor of Music, Bachelor of Surgery, Master of Surgery, Bachelor of Engineering, Master of Engineering, Bachelor of Dental Surgery, and Doctor of Dental Science, and such other degrees as the University by Statute or Regulation may constitute.
- (2) The University shall have power, without examination, but in accordance with the Statutes and Regulations of the University, to admit to degrees which the University has power to confer, persons who have graduated at any other University.

Residence of Undergraduates During Terms.

20. Every undergraduate shall, during such terms of residence as the University may by Statute or Regulation appoint, dwell with—
- (a) his parent or guardian; or
 - (b) some near relative or friend selected by his parent or guardian and approved by the Chancellor or Vice-Chancellor; or

- (c) in some collegiate or educational establishment affiliated to or in connection with the University; or
- (d) in a boarding-house licensed pursuant to a Statute or Regulation of the University.

No Religious Test to be Administered

21. No religious test shall be administered to any person in order to entitle him to be admitted as a student of the University, or to hold office therein, or to graduate thereat, or to hold any advantage or privilege thereof.

Governor to be Visitor

22. The Governor shall be the Visitor of the University, and shall have authority to do all things which appertain to visitors as often as to him shall seem meet.

Limitation of Powers of Council as Regards Chairs Founded by W. W. Hughes

23. The powers given by this Act to the Council shall, so far as the same may affect the two chairs or professorships founded by Walter Watson Hughes upon the terms and conditions contained in a certain indenture, a copy whereof is contained in the second schedule, and so far as regards the appropriation and investment of the funds contributed by him, be subject to the terms and conditions of the said indenture.

Annual Grant to University

*24. (1) There shall be paid to the University every year out of the general revenue of the State the following grants:—

- (i) A grant, not exceeding twenty thousand pounds in any one year, equal to five pounds per centum per annum on—
 - (a) the sum of twenty thousand pounds contributed to the University by Walter Watson Hughes, pursuant to the indenture mentioned in section 23; and
 - (b) all other moneys from time to time given to and invested by the University upon trusts for the purposes of the University; and
 - (c) the value of property, real or personal, of the University or vested in or held by trustees for the purposes of the University, except the real property granted to the University in pursuance of section 16 of The Adelaide University Act, and of The University Site Act, 1876;
 - (ii) A grant of four thousand pounds.
- (2) The grants shall be applied as a fund—
- (a) for maintaining the University;
 - (b) for paying the salaries of the professors, lecturers, examiners, officers, and servants of the University;

* Amended by the University of Adelaide Act Amendment Act, No. 2327 of 1936, and by the University of Adelaide Act Amendment Act, No. 10 of 1942.

- (c) for defraying the expense of fellowships, scholarships, prizes, and exhibitions awarded for the encouragement of students in the University;
- (d) for providing a library for the University;
- (e) for discharging all necessary charges connected with the management of the University.

Grants for Agricultural Research

*25. (1) In addition to any other sums payable to the University out of the general revenue of the State, the Treasurer shall in each of the financial years set out in the third schedule pay to the University the sum set out in the said schedule opposite to that financial year.

(2) The said sums shall be paid out of the general revenue of the State which is hereby to the necessary extent appropriated accordingly.

(3) The University shall apply the said sums for the purpose of extending the researches in Agriculture and allied subjects at the Waite Agricultural Research Institute of the University.

Conditions of Grant

*26. All moneys paid to the University under section 25 shall be deemed to be paid on the following conditions, namely:—

- (i) The Waite Agricultural Research Institute of the University shall conduct researches in cereal breeding, plant genetics, and plant nutrition, the improvement of pastures and pasture plants, agricultural chemistry and its application to the production of farm crops, soil management, and soil classification, and shall maintain divisions of entomology and plant pathology for the purpose of investigating the insect and fungus diseases of agricultural and horticultural crops, and shall undertake such other investigations as may from time to time be prescribed by the Council during the currency of section 25 and this section;
- (ii) The said Waite Agricultural Research Institute shall, in addition to the investigational work aforesaid, furnish an advisory service in plant pathology and entomology to the Minister of Agriculture;
- (iii) The staff of the said Waite Agricultural Research Institute shall, upon such terms and conditions as are agreed upon between the Minister of Agriculture and the University, make and report to the Minister the result of any investigation in agricultural matters which he requires to be so made and reported upon;
- (iv) The University shall maintain a course in agricultural science of degree standard for the training of graduates for service in the Department of Agriculture, the Education

* Amended by the University of Adelaide Act Amendment Act, No. 2340 of 1937, and by the University of Adelaide Act Amendment Act, No. 9 of 1943.

Department, the Stock and Brands Department, and the Woods and Forests Department, and for service under the Minister of Irrigation.

†26a. (1) The Treasurer, with the approval of the Governor, may guarantee payment by the University to the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which is provided by the Commonwealth in the first instance.

(2) A guarantee given pursuant to this section may apply in relation to money provided by the Commonwealth either before or after the enactment of this section.

(3) The money required to meet any liability of the Treasurer under a guarantee given pursuant to this section shall be paid out of the general revenue of the State under the authority of this Act without further appropriation.

Provision for Employment of Graduates in Agricultural Science in Certain Government Departments

*27. (1) In each of the ten years next after the twenty-third day of December, nineteen hundred and twenty-seven, the Council may nominate to the Minister of Agriculture not more than four persons who have taken the course in agriculture at the University and obtained the degree of Bachelor of Science at the University, to be officers of the departments of the public service mentioned in subsection (2). After nomination made as aforesaid the Government shall, notwithstanding any of the provisions of any Act for the regulation of the public service to the contrary, appoint the said persons to be officers in one of the departments aforesaid at salaries of not less than three hundred pounds a year.

(2) In this section "departments" include the Department of Agriculture, the Education Department, the Stock and Brands Department, the Woods and Forests Department, and the Department of Lands.

Annual Report

28. (1) The Council or the Senate shall, during the month of January in every year, present to the Governor a report of the proceedings of the University during the previous year.

(2) The report shall contain a full account of the income and expenditure of the University, audited in such manner as the Governor may direct.

(3) A copy of every report made pursuant to this section, and of every Statute and Regulation of the University allowed by the Governor pursuant to this Act, shall be laid in every year before Parliament.

University to be Exempt from Land Tax

29. Notwithstanding anything contained to the contrary in any Act or any rules or regulations made thereunder, all land in respect of which the University, or any person as trustee therefor, would, but

† Inserted by the University of Adelaide Act Amendment Act, No. 9 of 1946.

* Repealed by the University of Adelaide Act Amendment Act, No. 2340 of 1937.

for this section, be liable to pay tax to the State of South Australia, shall from and after the eleventh day of October, nineteen hundred and twenty-three, be exempt from taxation by the said State.

Trusts in Relation to Certain University Land

30. The land granted to the University pursuant to section 16 of The Adelaide University Act and to The University Site Act, 1876, shall be held upon the trusts for the purposes of the University approved by the Governor.

Validation of Degrees and Statutes and Regulations

31. (1) All persons admitted before the sixth day of November, nineteen hundred and twenty-four, by the University to the degrees of Bachelor of Dental Surgery and Doctor of Dental Science shall be deemed to have been lawfully admitted to those degrees, and the conferring of those degrees shall have the same force and effect as if the powers given to the University under section 3 of the Adelaide University Act Amendment Act, 1924, had been given to the University before the admission of the said persons to the said degrees.

(2) All Statutes and Regulations made, altered, or repealed before the sixth day of November, nineteen hundred and twenty-four, by the University with respect to the degrees of Bachelor of Dental Surgery and Doctor of Dental Science shall be deemed to have been lawfully made, altered, or repealed, as the case may be, and shall have the same force and effect as if the powers given to the University under section 3 of the Adelaide University Act Amendment Act, 1924, had been given before the said Statutes and Regulations were made, altered, or repealed, as the case may be.

THE FIRST SCHEDULE

Reference to Acts.	Short Titles of Acts
No. 20 of 1874	The Adelaide University Act.
No. 45 of 1876	The University Site Act, 1876.
No. 143 of 1879	The Adelaide University Act Amendment Act.
No. 172 of 1880	The University of Adelaide Degrees Act.
No. 441 of 1888	The Degrees in Surgery Act.
No. 1058 of 1911	The Adelaide University Act Amendment Act, 1911.
No. 1555 of 1923	Adelaide University Act Amendment Act, 1923.
No. 1614 of 1924	Adelaide University Act Amendment Act, 1924.
No. 1831 of 1927	Agricultural Education Act, 1927.

THE SECOND SCHEDULE

This Indenture made the twenty-fourth day of December, one thousand eight hundred and seventy-two, between Walter Watson Hughes, of Torrens Park, near Adelaide, in the Province of South Australia, Esquire, of the one part, and Alexander Hay, of Adelaide, aforesaid, Esquire, Treasurer of the Executive Council of the University Association, of the other part: Whereas the said Walter Watson Hughes is desirous that a University should be established in the said Province, to be called "The Adelaide University," and has agreed to assist in the foundation of such University, by contributing the sum of Twenty Thousand Pounds in endowing by the income thereof two chairs or professorships in the said University, one for Classical and Comparative Philology and Literature, and the other for English Language and Literature and Mental and Moral Philosophy: And whereas the said Walter Watson Hughes, his executors

or administrators is or are entitled to nominate and appoint the two first Professors to such chairs: And whereas an Association has been formed, and has undertaken to endeavour to found and establish such University, and has appointed an Executive Council: And whereas the said Alexander Hay has been appointed Treasurer of the said Executive Council: Now this Indenture witnesseth, that in consideration of the premises, the said Walter Watson Hughes doth hereby for himself, his heirs, executors, and administrators covenant with the said Alexander Hay, his executors and administrators, that he, the said Walter Watson Hughes, his executors, or administrators, shall and will, on or before the expiration of ten years from the date hereof, pay to the said Alexander Hay, as such Treasurer, or to the said Executive Council, or if the said University is incorporated within such period, then to such Corporation the sum of Twenty Thousand Pounds sterling: and will, in the meantime, pay interest thereon, or on such portion thereof as may remain unpaid at the rate of Six Pounds per centum per annum, from the first day of May, one thousand eight hundred and seventy-three, such interest to be paid by equal quarterly payments: And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied in two equal sums in endowing the said two chairs with salaries for the two Professors, or occupiers of such chairs: And it is hereby also declared and agreed that the said Walter Watson Hughes has appointed the Reverend Henry Read, M.A., Incumbent of the Church of England, in the District of Mitcham, to occupy, and that the said Henry Read shall occupy the first of such chairs as Professor of Classics and Comparative Philology and Literature. And that the said Walter Watson Hughes has appointed the Reverend John Davidson, of Chalmers Church, Adelaide, to occupy, and that the said John Davidson shall occupy the first of the other such chairs as Professor of English Language and Literature, and Mental and Moral Philosophy: And it is hereby agreed and declared that the annual income and interest of the said sum of Twenty Thousand Pounds shall be applied for the purposes aforesaid in equal sums quarterly, and for no other purpose whatever: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall be held by the Treasurer of the said University, or by the Corporation thereof, when the said University shall become incorporated, for the purpose of paying and applying the annual interest and income thereof equally in endowing two chairs or professorships in the said University, one of such chairs or professorships being Classics and Comparative Philology and Literature, and the other of such chairs or professorships being English Language and Literature, and Mental and Moral Philosophy: And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall, when the same is received by the Treasurer of the said University or by the University when incorporated, be invested upon South Australian Government Bonds, Debentures, or Securities, and the interest and annual income arising from such investments paid and applied quarterly in endowing the said two chairs or professorships in the said University as aforesaid: In witness whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written.

Signed, sealed, and delivered by the said }
 Walter Watson Hughes, in the presence of }
 Richard B. Andrews, Solicitor, Adelaide. }

W. W. HUGHES (L.S.)

THE THIRD SCHEDULE

Sums payable to the University for the purpose of promoting agricultural research at the Waite Agricultural Research Institute.

Financial Year	Amount Payable
	£
1927-28	5,000
1928-29	7,000
1929-30	8,000
1930-31	9,000
1931-32	10,000
1932-33	11,000
1933-34	12,000
1934-35	13,000
1935-36	14,000
1936-37	15,000

Repealed by the University of Adelaide Act Amendment Act, No. 2340 of 1937.

**TRUST CLAUSE OF DEED WHEREBY THE HONOURABLE
THOMAS ELDER GRANTED £20,000 TO THE UNIVERSITY**

By an Indenture, which bears date the 6th day of November, 1874, the Honourable Thomas Elder covenanted to pay Twenty Thousand Pounds, and the trust clause in that deed provides:—"And it is agreed and declared that the interest and annual income of the said sum of Twenty Thousand Pounds shall be applied as a fund for maintaining the said University, and for defraying the several stipends which may be appointed to be paid to the several Professors, Lecturers, Examiners, officers, and servants to be appointed by such University, and for defraying the expense of such fellowships, scholarships, prizes and exhibitions as shall be awarded for the encouragement of students in such University, and for providing a Library for the same; and for discharging all necessary charges connected with the management thereof, and for no other use or purpose whatsoever. And it is also declared and agreed that the said sum of Twenty Thousand Pounds shall, when the same is received by the Treasurer of the said University, or by the University when incorporated, be invested* upon South Australian Government Bonds, Debentures, or Securities, and the interest and annual income arising from such investments shall be paid and applied to and for the benefit and advantage of the said University in the manner and for the intents and purposes hereinbefore mentioned and described, and to or for no other purpose whatsoever."

* By a deed executed in 1880 the University is empowered to invest the moneys in the purchase of freehold lands and buildings and on first mortgages of freehold lands and buildings in South Australia.

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1936.

No. 2327 of 1936

(Assented to 3rd December, 1936.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1936."

(2) The University of Adelaide Act, 1935 (which is hereinafter referred to as "the principal Act") and this Act may be cited together as the "University of Adelaide Acts, 1935 and 1936."

2. (1) Section 24 of the principal Act is amended by striking out the word "twenty" in the third line thereof and by inserting in lieu thereof the word "thirty."

(2) Sub-section (2) of section 24 of the principal Act is amended by adding at the end thereof the following passage—

"No portion of any such grant shall be applied to or for the purposes of any college or educational institution affiliated with the University."

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1937.

No. 2340 of 1937.

(Assented to 15th September, 1937)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1937."

(2) The University of Adelaide Act, 1935, as amended by this Act may be cited as the "University of Adelaide Act, 1935-1937."

(3) The University of Adelaide Act, 1935, is in this Act referred to as "the principal Act."

*2. Sub-section (1) of section 25 of the principal Act is repealed and the following sub-section is enacted in lieu thereof:—

(1) In addition to any other sums payable to the University out of the general revenue of the State, the Treasurer shall in each of the seven financial years commencing with the financial year 1937-1938, pay to the University the sum of fifteen thousand pounds.

3. (1) Paragraph II of section 26 of the principal Act is amended by inserting the word "botany" before the words "plant pathology" therein.

(2) Paragraph IV of section 26 of the principal Act is amended by striking out all the words therein after "standard."

(3) The following paragraph is inserted at the end of section 26:—

(v) The Director of the Waite Agricultural Research Institute shall in every year furnish the Minister of Agriculture with a report on the work of the Institute during the preceding year, and the Minister of Agriculture shall lay the report before Parliament at the earliest convenient time.

4. As from the twenty-fourth day of December, nineteen hundred and thirty-seven, section 27, of the principal Act shall be repealed.

5. The third schedule to the principal Act is repealed.

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1942.

No. 10 of 1942.

(Assented to 22nd October, 1942.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1942."

(2) The University of Adelaide Act, 1935-1937, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1942."

(3) The University of Adelaide Act, 1935-1937, is in this Act referred to as "the principal Act."

2. This Act is incorporated with the principal Act, and this Act and that Act shall be read as one Act.

3. Section 12 of the principal Act is amended by striking out sub-sections (3) and (4) thereof and inserting in lieu thereof the following sub-sections:—

(3) The Vice-Chancellor shall hold office on such terms and conditions and at such salary as the Council from time to time determines: Provided that any alteration made by the Council in the salary or the terms and conditions of the service of the Vice-Chancellor shall not, unless the Vice-Chancellor in office at the time of the alteration consents, have effect until his term of office has expired or otherwise determined.

• Amended by the University of Adelaide Act Amendment Act, No. 9 of 1943.

- (4) If the Chancellor or the Vice-Chancellor is not a member of the Council at the time of his election he shall upon his election become a member of the Council, and shall remain a member of the Council during his term of office as Chancellor or Vice-Chancellor; and in any such case the Council shall consist of twenty-six members, or if both the Chancellor and Vice-Chancellor become members by virtue of this section, of twenty-seven members.
4. Section 24 of the principal Act is amended by striking out the word "thirty" in the third line thereof and inserting in lieu thereof the word "forty."
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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1943.

No. 9 of 1943.

(Assented to 28th October, 1943.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1943."

(2) The University of Adelaide Act, 1935-1942, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1943."

(3) The University of Adelaide Act, 1935-1942, is in this Act referred to as "the principal Act."

2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.

3. Section 25 of the principal Act is amended by inserting after sub-section (1) thereof the following sub-section:—

(1a) In addition to any other sums payable to the University out of the general revenue of the State the Treasurer shall pay to the University—

- (a) in the financial year 1943-44, the sum of fifteen thousand pounds;
 - (b) in each of the seven financial years commencing with the financial year 1944-45, the sum of eighteen thousand pounds.
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UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT, 1946.

No. 9 of 1946.

(Assented to 10th October, 1946.)

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1946."

(2) The University of Adelaide Act, 1935-1943, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1946."

(3) The University of Adelaide Act, 1935-1943, is hereinafter called "the principal Act."

2. This Act is incorporated with the principal Act and that Act and this Act shall be read as one Act.

3. The following section is enacted and inserted in the principal Act after section 26 thereof.

26a. (1) The Treasurer, with the approval of the Governor, may guarantee payment by the University to the Commonwealth for all or any of the extensions and additions to the buildings and plant of the University, the cost of which is provided by the Commonwealth in the first instance.

(2) A guarantee given pursuant to this section may apply in relation to money provided by the Commonwealth either before or after the enactment of this section.

(3) The money required to meet any liability of the Treasurer under a guarantee given pursuant to this section shall be paid out of the general revenue of the State under the authority of this Act without further appropriation.

THE UNIVERSITY LAND ACT, 1929.

No. 1944 of 1929.

Be it enacted by the Governor of the State of South Australia with the advice and consent of the Parliament thereof, as follows:

1. This Act may be cited as "The University Land Act, 1929."

2. Sections 1, 2, 3, and 4 of, and the First Schedule to, the Act No. 351 of 1885 entitled "An Act to set apart certain Land for a Jubilee Exhibition and for other purposes," are repealed.

3. The land shown in the plan in the Schedule to this Act and therein hachured in black is hereby vested in The University of Adelaide for an estate in fee simple.

UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

(Assented to 12th October, 1950.)

Be it enacted by the Governor of the State of South Australia, with the advice and consent of the Parliament thereof, as follows:

1. (1) This Act may be cited as the "University of Adelaide Act Amendment Act, 1950."

(2) The University of Adelaide Act, 1935-1946, as amended by this Act, may be cited as the "University of Adelaide Act, 1935-1950."

(3) The University of Adelaide Act, 1935-1946, is hereinafter called the "principal Act."

2. Section 3 of the principal Act is amended by adding at the end thereof the following additional definition:—

"University grounds" means—

- (a) the lands in the City of Adelaide and in the municipality of Mitcham which are used by the University for purposes of education or scientific research or both;
- (b) the Waite Park in the municipality of Mitcham; and includes
- (c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park.

3. The principal Act is amended by inserting therein after section 18 thereof the following sections:—

18a. (1) The council may make by-laws for all or any of the following purposes:—

- (a) to prohibit persons from trespassing on the University grounds;
- (b) to prevent damage to the University grounds and any fixtures, chattels, trees, shrubs, bushes, flowers, gardens and lawns on or in those grounds;
- (c) to regulate speed at which vehicles may be driven on the University grounds;
- (d) to prohibit the dangerous or careless driving of vehicles on the University grounds;
- (e) to prohibit the driving on the University grounds of vehicles the weight of which when laden exceeds the amount prescribed in the by-laws;
- (f) to prescribe the route to be followed by traffic on roads, ways, or tracks within the University grounds and the specific gates which may be used for the entrance and exit of vehicles and pedestrians and to require the observance of one-way traffic rules on specified roads, ways, or tracks;
- (g) to regulate the parking, ranking, placing and arranging of vehicles on University grounds and to empower authorized persons to remove any vehicle from the University grounds without assigning any reason;
- (h) generally to regulate traffic of all kinds on the University grounds;
- (i) to prohibit disorderly conduct or indecent language by persons on the University grounds and to empower authorized persons to remove from those grounds persons guilty of disorderly conduct or indecent language thereon;
- (j) to prohibit, restrict or regulate the consumption of alcoholic liquor on the University grounds and the bringing of alcoholic liquor on to those grounds, and to empower authorized persons to remove from the University grounds any intoxicated person and to search the University grounds and vehicles thereon for alcoholic liquor and to seize any liquor reasonably suspected of having been brought on to the University grounds contrary to any by-law;
- (k) to empower the council to confiscate any liquor brought on to the University grounds contrary to any by-law;

- (l) to prevent persons from climbing on fences or buildings or walking over gardens or lawns on the University grounds;
 - (m) to regulate the conduct of open air and indoor meetings held on the University grounds;
 - (n) to prevent the interruption of lectures or meetings by noise or unseemly behaviour on the University grounds whether in or outside of buildings and to prevent undue noise from motor vehicles on the University grounds;
 - (o) to prescribe fines recoverable summarily not exceeding twenty pounds for any contravention of any by-law; and
 - (p) to empower the University to recover summarily compensation for any damage done to the University grounds.
- (2) The council may declare in any such by-law that it shall apply to a part only of the University grounds specified therein, and it shall so apply accordingly.
- (3) In this section "authorized person" means a person appointed by the council to be an authorized person for the purposes of this section.
- (4) The council may appoint any person to be an authorized person for purposes of this section, and may, at will, revoke any such appointment.

18b. No by-law shall be made—

- (a) except at a meeting of the council of which at least fourteen days' prior notice in writing has been sent by post to each member of the council specifying the by-laws intended to be proposed; or
- (b) unless a majority of all the members of the council vote at the meeting in favour of the proposed by-law.

18c. (1) Every by-law—

- (a) shall be submitted to the Governor for confirmation and shall be of no force until confirmed;
- (b) after confirmation shall be published in the *Gazette* at the expense of the University;
- (c) shall, subject to subsection (2) hereof, take effect from the day of that publication or from any later day fixed by the by-law; and
- (d) shall be laid before each House of Parliament within the first fourteen sitting days of that House after the said publication.

(2) If either House of Parliament passes a resolution disallowing any by-laws of which resolution notice has been given at any time within fourteen sitting days of that House after the by-law has been laid before it the by-law shall thereupon cease to have any effect, but without affecting the validity or curing the invalidity of anything done or omitted in the meantime. This subsection shall apply although all the fourteen sitting days, or some of them, do not occur in the same session of Parliament as that in which the by-law is laid before the House.

(3) When a resolution has been passed as mentioned in subsection (2) hereof notice of the resolution shall forthwith be published in the *Gazette*.

18d. When a by-law has been confirmed by the Governor and published in the *Gazette* all conditions precedent to the making thereof shall be conclusively deemed to have been fulfilled.

18e. (1) The council shall set out the substance of all its by-laws respecting traffic on a notice board at each entrance which leads directly from a road or street to the University grounds and is ordinarily used by vehicular traffic.

(2) Failure to comply with subsection (1) of this section shall not affect the validity or operation of any by-law.

18f. The provisions of section 38 of the Acts Interpretation Act, 1915, shall not apply to by-laws made under this Act.

18g. No by-laws under this Act shall take away or restrict any liability, civil or criminal, arising under any provision of any other Act or at common law.

18h. In any proceedings for any contravention of any by-law the allegation in the complaint that any place was on the University grounds shall be *prima facie* evidence of the fact alleged.

18i. Where a contravention of any by-law made by the Council in exercise of the powers conferred by section 18a of this Act has been committed by any student of the University, the Council, instead of charging him with such contravention in a court of summary jurisdiction, may direct that he be charged with such contravention before the Board of Discipline, and the Board of Discipline, if it finds such offence to be proved, may punish the offender in any of the ways mentioned in the Statute made by the Council prescribing the functions and powers of the Board of Discipline.

BY-LAWS MADE UNDER THE UNIVERSITY OF ADELAIDE ACT AMENDMENT ACT

No. 9 of 1950.

1. In these by-laws—

“Authorised person” means a person appointed by the Council to be an authorised person for the purposes of section 18a of the University of Adelaide Act Amendment Act, 1950, and these by-laws;

“Council” means the Council of the University of Adelaide;

“Road” includes way and track;

“University” means the University of Adelaide;

“University grounds” means—

(a) the lands in the City of Adelaide and in the Municipality of Mitcham which are used by the University for purposes of education or scientific research or both;

(b) the Waite Park in the Municipality of Mitcham; and includes

- (c) all roads, ways, tracks, paths, open spaces and buildings on, and appurtenances to the said lands and park;

"Vehicle" includes any motor car, motor truck, motor cycle, carriage, cart, bicycle, or other vehicle of whatsoever kind or nature and howsoever ridden, driven, or propelled.

2. (1) No person shall wilfully trespass on the University grounds.
(2) Every person reasonably suspected by an authorised person of trespassing on University grounds shall give his name and address to that authorised person upon being requested so to do.
(3) Any person reasonably suspected by an authorised person of trespassing on the University grounds shall forthwith leave the University grounds if requested to do so by that authorised person.
3. (1) The Council may set apart a place or places in the University grounds where vehicles may be parked or left, and specify the hours during which vehicles may be parked or left in such places, and the person or class of persons entitled to park or leave their vehicles in such place or places respectively, and the maximum period for which any vehicle may be parked or left therein.
(2) No person unless exempted in writing by the Council or its delegate from the requirements of this by-law shall park or leave any vehicle on the University grounds except in accordance with this by-law.
(3) The Council may from time to time appoint a delegate to give exemptions under this by-law.
4. Any authorised person may remove any vehicle from the University grounds without assigning any reason.
5. (1) The Council may direct that certain specified roads within the University grounds shall be used for one-way traffic only.
(2) On any such road vehicles shall be driven only in the direction specified by the Council and indicated by notices displayed on the road.
6. (1) The Council may direct that any of the entrances to the University grounds (to be specified by the Council) shall be reserved for outward traffic only or for inward traffic only. At every such entrance a notice shall be displayed indicating what traffic is allowed.
(2) No person shall drive any vehicle contrary to any such direction.
7. No person shall without the consent of the Council or its delegate drive any vehicle into or permit any vehicle to be or remain upon the University grounds unless for some purpose of University business or University education.
8. No person shall drive any vehicle within the University grounds at a speed exceeding fifteen miles an hour.

9. No person shall drive any vehicle on the University grounds in a dangerous or careless manner.

10. No person unless authorised by the Architect supervising any University works shall drive on the University grounds any vehicle which when laden exceeds four tons in weight.

11. No person shall use any motor vehicle on the University grounds in such manner as to cause undue noise.

12. When the Council has fixed a speed limit for any specified road within the University grounds and notices are posted on such road indicating such speed limit, no person shall drive any vehicle on such road at any higher speed.

13. (1) No person shall ride or drive any motor cycle from North Terrace into the University grounds.

(2) No person shall ride or drive any motor cycle from Kintore Avenue into the University grounds further east than a line marked on the ground at or adjacent to the basketball courts.

(3) The Council may from time to time appoint a delegate to give exemptions under this by-law.

14. No person shall on the University grounds use any indecent language or be guilty of any disorderly conduct. Any authorised person may remove from the University grounds persons guilty of disorderly conduct or indecent language thereon.

15. No person shall in the way of disorderly conduct throw, place, deposit, or leave on the University grounds any rubbish, refuse, paper, bottles, or glass (broken or otherwise), or any litter of any kind or nature whatsoever.

16. No person shall interrupt any lecture or any meeting by any noise or unseemly behaviour on the University grounds.

17. (1) No person shall, without the permission of the Council or its delegate, bring any intoxicating liquor into or keep or consume any liquor upon the University grounds.

(2) Any authorised person may remove from the University grounds any intoxicated person and may search the University grounds and vehicles thereon for alcoholic liquor and may seize any liquor reasonably suspected of having been brought on to the University grounds contrary to this by-law.

(3) The Council may confiscate any liquor brought on to the University grounds contrary to this by-law, and thereupon such liquor shall become the property of the University.

(4) The Council may from time to time appoint a delegate for the purposes of this by-law.

18. (1) No person shall on any part of the University grounds—

(a) cut, break, deface, pick, remove, or destroy or injure any tree, shrub, hedge, plant or flower, or any part of any lawn or garden;

- (b) remove or damage or injure or interfere with any stake or label on or near any tree, shrub, plant or flower;
 - (c) walk on or over or cause damage to any bed containing or being prepared for flowers or shrubs or walk on or over any lawn in contravention of any notice posted thereon;
 - (d) enter or walk on or over any part of the University grounds which is temporarily enclosed and on which is posted a notice prohibiting persons from entering or walking thereon; or
 - (e) damage, or injure or interfere with or climb upon any fence, building, or erection, or any fixed or movable thing.
- (2) This by-law shall not apply to employees of the University acting in the course of their employment.
19. (1) The Council or its delegate may prohibit the holding of any meeting on the University grounds.
- (2) No person shall conduct, promote, or take part in any meeting so prohibited.

20. Any person who contravenes or fails to observe any of these by-laws shall be guilty of an offence and liable to a penalty not exceeding Twenty Pounds and to pay compensation for damage as hereinafter provided.

21. (1) Penalties incurred under these by-laws may be recovered in a summary manner.
- (2) In any proceedings for the recovery of penalties, the University may claim and recover summarily compensation for damage done by the defendant to the University grounds or anything growing or being thereon.

The above by-laws were made by the Council of the University of Adelaide on the 31st March, 1951, and allowed by the Governor in Executive Council on 24th May, 1951.

HOSPITALS ACT, 1934.

No. 2158 of 1934.

Adelaide Hospital to be Medical and Dental School

Section 32 of the Act provides—

32. (1) The Adelaide Hospital shall be a school of medical and dental instruction in connection with the University of Adelaide, and any person who has been admitted as a student of the said University and is studying in the medical course or the dental course thereof, shall be entitled to attend at the Adelaide Hospital for instruction in connection with any such course, subject to any statutes and regulations made by the Council of the said University and any regulations made by the Board.

(2) The provisions contained in the Adelaide University Act relating to statutes and regulations and to the making and effect thereof shall apply to all statutes and regulations made by the said Council under this section and to the making and effect thereof.

Advisory Committee

Section 33 provides—

33. (1) There shall be an advisory committee for the purpose of advising and assisting the Council of the University of Adelaide and the Board with respect to any matter concerning the medical course and the dental course of the said University and the attendance and instruction at the Adelaide Hospital of students in the said courses.

* (2) The committee shall consist of a chairman and nine other members.

* (2a) The chairman shall be a person appointed by the Governor on the nomination of the Minister.

* (2b) The members of the Committee other than the Chairman shall be respectively nominated as follows:—

One by the Council of the University of Adelaide;

One by the Faculty of Medicine of the said University;

One by the Council of the Royal Australian College of Physicians;

One by the Council of the Royal Australian College of Surgeons;

One by the Faculty of Dentistry of the said University;

Two by the board;

Two by members of the honorary medical staff of the Adelaide Hospital.

(3) When a vacancy occurs on the committee, whether by the expiration of a member's term of office or otherwise, the Governor shall, after nomination as hereinafter mentioned, appoint a member to fill the vacancy. The nomination of the member so appointed to fill the vacancy shall be made by the body or persons who nominated the member in whose place such member is appointed.

(4) Every nomination shall be made in manner prescribed.

(5) The provisions of sections 25 to 28 (both inclusive) shall, *mutatis mutandis*, apply to and in respect of the committee:

* Provided that any five members shall constitute a quorum at any meeting of the Committee.

* Amendments given assent, 27th November, 1958.

ALMANAC FOR 1959

TERMS:

First Term: March 9-May 16.

Second Term: June 8-August 8.

Third Term: August 31-December 12.

Lectures will cease in some cases in the week ending October 24 and in others in the week ending October 31.

1959

JANUARY

- Th. 1 New Year's Day. Commonwealth inaugurated 1901.
 M. 5 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 6 Board for Anthropological Research—1.30 p.m.
 F. 16 Faculty of Medicine—8 p.m.
 Tu. 20 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
 W. 21 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 22 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
 F. 23 Faculty of Music—9.15 a.m.
 M. 26 Public Holiday: celebration of Foundation Day.
 Tu. 27 Last day of entry for the special degree and diploma examinations to be held in February and March.
 Th. 29 Education Committee—2 p.m.

FEBRUARY

- M. 2 Hospital year begins. Last day of entry for the M.S. examinations to be held in May. Finance Committee—2.20 p.m. Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 3 Board for Anthropological Research—1.30 p.m.
 F. 6 Council—2.20 p.m.
 Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Supplementary Leaving Examinations begin.
 W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Postgraduate Committee in Medicine—8 p.m.
 Th. 12 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
 F. 13 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 16 LAST DAY OF ENROLMENT.
 Th. 19 Education Committee—2 p.m.
 M. 23 Special degree and diploma examinations begin. CONSERVATORIUM first term begins. LECTURES BEGIN in those subjects for the degree of Bachelor of Technology that are given at the S.A. School of Mines. Finance Committee—2.20 p.m.
 F. 27 Council—2.20 p.m. LAST DAY OF ENTRY FOR EVENING STUDENTSHIPS.

MARCH

- M. 2 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- W. 4 Last day of entry for public examinations in Music and the Art of Speech to be held in April and May.
- Sa. 7 Long vacation ends.
- M. 9 UNIVERSITY FIRST TERM BEGINS.
NOTE: Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.
- Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 13 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 16 LECTURES BEGIN. Board of Research Studies—2 p.m.
- Th. 19 Education Committee—2 p.m.
- M. 23 Finance Committee—2.20 p.m.
- Th. 26 Council—2.20 p.m.
- F. 27 Good Friday.
- M. 30 Easter Monday.
- Tu. 31 Last day for submitting entries for the Bunday Prize.
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APRIL

- W. 1 ANNUAL COMMEMORATION—FIRST CEREMONY.
- M. 6 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 7 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 8 ANNUAL COMMEMORATION—SECOND CEREMONY.
- Th. 9 Faculty of Arts—2.15 p.m. Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 10 Faculty of Music—9.15 a.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Faculty of Medicine—8 p.m.
- Th. 16 Education Committee—2 p.m.
- M. 20 Finance Committee—2.20 p.m.
- F. 24 Council—2.20 p.m.
- Sa. 25 Anzac Day.
- W. 29 Theory of Music and the Art of Speech Examinations begin.
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MAY

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- M. 4 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 5 Board for Anthropological Research—1.30 p.m.
- F. 8 Faculty of Medicine—8 p.m.
- Tu. 12 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 13 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Postgraduate Committee in Medicine—8 p.m.
- Th. 14 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 15 Faculty of Music—9.15 a.m. Board of Research Studies—2 p.m.
- Sa. 16 UNIVERSITY FIRST TERM ENDS.
- M. 18 University first term vacation begins.
- Th. 21 Education Committee—2 p.m.
- Sa. 23 Conservatorium first term ends.
- M. 25 Conservatorium first term vacation begins. Finance Committee—2.20 p.m.
- F. 29 Council—2.20 p.m.
-

JUNE

- M. 1 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 2 Board for Anthropological Research—1.30 p.m.
- Sa. 6 University and Conservatorium first term vacation ends.
- M. 8 UNIVERSITY AND CONSERVATORIUM SECOND TERM BEGINS.
- Tu. 9 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 10 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 11 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 12 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 15 Public Holiday: celebration of Queen's Birthday.
- Th. 18 Education Committee—2 p.m.
- M. 22 Finance Committee—2.20 p.m.
- F. 26 Council—2.20 p.m. Last day for submitting theses for the Bonython Prize and for the degree of D.D.Sc.
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JULY

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- M. 6 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 7 Board for Anthropological Research—1.30 p.m.
- W. 8 Last day of entry for public examinations in Music and the Art of Speech to be held in September.
- F. 10 Faculty of Medicine—8 p.m.
- Tu. 14 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 15 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 16 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 17 Faculty of Music—9.15 a.m.
- Th. 23 Education Committee—2 p.m.
- M. 27 Finance Committee—2.20 p.m.
- F. 31 Council—2.20 p.m.
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AUGUST

- M. 3 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 4 Board for Anthropological Research—1.30 p.m.
- Sa. 8 UNIVERSITY SECOND TERM ENDS. LAST DAY OF ENTRY FOR THE DEGREE AND DIPLOMA EXAMINATIONS TO BE HELD IN NOVEMBER.
- M. 10 University second term vacation begins.
- Tu. 11 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 12 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Postgraduate Committee in Medicine—8 p.m.
- Th. 13 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 14 Faculty of Music—9.15 a.m. Board of Research Studies—2 p.m. Faculty of Medicine—8 p.m.
- Sa. 15 Conservatorium second term ends.
- M. 17 Conservatorium second term vacation begins.
- Th. 20 Education Committee—2 p.m.
- M. 24 Finance Committee—2.20 p.m.
- F. 28 Council—2.20 p.m.
- Sa. 29 University and Conservatorium second term vacation ends.
- M. 31 UNIVERSITY AND CONSERVATORIUM THIRD TERM BEGINS.
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SEPTEMBER

- Tu. 1 Board for Anthropological Research—1.30 p.m.
M. 7 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
Th. 10 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
Th. 17 Education Committee—2 p.m.
M. 21 Finance Committee—2.20 p.m.
F. 25 Council—2.20 p.m.
M. 28 Theory of Music and the Art of Speech examinations begin.
W. 30 Last day for submitting entries for the United Nations Prize.
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OCTOBER

- W. 1 Last day of entry for the PUBLIC EXAMINATIONS to be held in November and December.
M. 5 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
Tu. 6 Board for Anthropological Research—1.30 p.m.
F. 9 Faculty of Medicine—8 p.m.
M. 12 Public Holiday—Labour Day.
Tu. 13 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
W. 14 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
Th. 15 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
F. 16 Faculty of Music—9 a.m.
Th. 22 Education Committee—2 p.m.
Sa. 24 Lectures in some departments end.
M. 26 Finance Committee—2.20 p.m.
F. 30 All lectures end. Council—2.20 p.m.
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 NOVEMBER

- M. 2 Fifth- and Sixth-year Medical examinations begin. Last day of entry for the David Murray Scholarship in Science, for the James Barrans Scholarship, and for the John L. Young and John Lorenzo Young Scholarships, and for submitting theses for the Tate Medal and the John Bagot Medal. Conservatorium vacation begins. Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Tu. 3 Board for Anthropological Research—1.30 p.m.
- M. 9 DEGREE and DIPLOMA EXAMINATIONS BEGIN. Last day for sending to the Clerk of the Senate nominations of candidates for the annual vacancies on the Council and for the offices of Warden and Clerk, and notices of motion for the meeting of the Senate to be held on November 25.
- Tu. 10 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 11 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Postgraduate Committee in Medicine—8 p.m.
- Th. 12 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 13 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- Sa. 14 Conservatorium vacation ends.
- Th. 19 Education Committee—2 p.m.
- M. 23 Finance Committee—2.20 p.m.
- W. 25 Senate—8 p.m. Election of Members of the Council and Warden and Clerk of the Senate.
- F. 27 Council—2.20 p.m.
- M. 30 PUBLIC EXAMINATIONS BEGIN.
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DECEMBER

- Tu. 1 Board for Anthropological Research—1.30 p.m. Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
- W. 2 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
- Th. 3 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
- F. 4 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
- M. 7 Board of Research Studies—2 p.m. Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
- Th. 10 Education Committee—2 p.m.
- Sa. 12 ACADEMIC YEAR ENDS.
- M. 14 Finance Committee—2.20 p.m.
- F. 18 Council—2.20 p.m.
- F. 25 Christmas Day.
- M. 28 Public Holiday: Proclamation Day.
- Th. 31 Last day of application for Mining and Metallurgical Bursaries.
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1960

JANUARY

- F. 1 New Year's Day. Commonwealth inaugurated 1901.
 M. 4 Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 Tu. 5 Board for Anthropological Research—1.30 p.m.
 F. 7 Faculty of Medicine—8 p.m.
 Tu. 19 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Last day of entry for the Supplementary Leaving Examinations to be held in February.
 W. 20 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 21 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
 F. 22 Faculty of Music—9.15 a.m.
 M. 25 Last day of entry for the special degree and diploma examinations to be held in February and March.
 Th. 28 Education Committee—2 p.m.

FEBRUARY

- M. 1 Public Holiday: celebration of Foundation Day.
 Tu. 2 Hospital year begins. Last day of entry for the M.S. examinations to be held in May. Board for Anthropological Research—1.30 p.m. Finance Committee—2.20 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 F. 5 Council—2.20 p.m.
 M. 8 Faculty of Law—4.45 p.m.
 Tu. 9 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m. Supplementary Leaving Examinations begin.
 W. 10 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m. Postgraduate Committee in Medicine—8 p.m.
 Th. 11 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
 F. 12 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 15 LAST DAY OF ENROLMENT.
 Th. 18 Education Committee—2 p.m.
 M. 22 Special degree and diploma examinations begin. CONSERVATORIUM first term begins. LECTURES BEGIN in those subjects for the degree of Bachelor of Technology that are given at the S.A. School of Mines. Finance Committee—2.20 p.m.
 F. 26 Council—2.20 p.m. LAST DAY OF ENTRY FOR EVENING STUDENTSHIPS.

 MARCH

- Tu. 1 Board for Anthropological Research—1.30 p.m.
 W. 2 Last day of entry for public examinations in Music and the Art of Speech to be held in May.
 Sa. 5 Long vacation ends.
 M. 7 UNIVERSITY FIRST TERM BEGINS. Faculty of Law—4.45 p.m. Advisory Committee of the University and the R.A.H.—5 p.m.
 NOTE: Students are required to attend such preliminary meetings of their classes in the first week of term as may be announced.
 Tu. 8 Faculty of Science—2 p.m. Faculty of Agricultural Science—3.45 p.m. Faculty of Economics—4 p.m.
 W. 9 Faculty of Arts—2.15 p.m. Faculty of Engineering—2.15 p.m. Faculty of Technology—3.30 p.m.
 Th. 10 Faculty of Architecture and Town Planning—2.15 p.m. Faculty of Dentistry—5 p.m.
 F. 11 Faculty of Music—9.15 a.m. Faculty of Medicine—8 p.m.
 M. 14 LECTURES BEGIN.
 Board of Research Studies—2 p.m. Finance Committee—2.20 p.m.
 Th. 17 Education Committee—2 p.m.
 F. 25 Council—2.20 p.m.
 Th. 31 Last day for submitting entries for the Bunday Prize.
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The University of Adelaide

1959

VISITOR

HIS EXCELLENCY THE GOVERNOR

CHANCELLOR

THE HONOURABLE SIR JOHN MELLIS NAPIER, K.C.M.G., LL.D. Elected for the first time as from 1st February, 1948; re-elected, 1958.

DEPUTY CHANCELLOR

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. Appointed 1958.

VICE-CHANCELLOR

HENRY BOLTON BASTEN, C.M.G., M.A. Appointed from 1st October, 1958.

DEPUTY VICE-CHANCELLOR

PROFESSOR SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. Appointed 1951.

THE COUNCIL

THE CHANCELLOR. A member since 1948.

THE VICE-CHANCELLOR. A member since 1958.

PROFESSOR JAMES GLADSTONE CORNELL, M.A., L. ès L., Chevalier de la Légion d'Honneur. A member since 1949. Date of last election, 28th November, 1956.

THE HONOURABLE LESLIE HAROLD DENSLEY, M.B.E., M.L.C. Appointed by Parliament for the first time, 19th August, 1953. Date of last appointment, 4th September, 1956.

JULIAN RANDAL DRIDAN, C.M.G., B.E. Elected for the first time, 23rd November, 1955.

DONALD ALLAN DUNSTAN, LL.B., M.P. Appointed by Parliament for the first time, 23rd August, 1956.

JEAN GILMORE, LL.B. Elected for the first time, 23rd November, 1955.

COLIN ERNEST SUTHERLAND GORDON, M.A. A member since 1950. Date of last election, 26th November, 1958.

THE REVEREND WILLIAM FRANK HAMBLY, M.A., B.D. A member since 1954. Date of last election, 26th November, 1958.

ALBERT JAMES HANNAN, C.M.G., Q.C., M.A., LL.B. A member since 1939. Date of last election, 27th November, 1957.

KENNETH STUART HETZEL, M.D., F.R.C.P., F.R.A.C.P. A member since 1954. Date of last election, 26th November, 1958.

FRANK RAYMOND HONE, B.Sc., M.D. A member since 1949. Date of last election, 27th November, 1957.

PROFESSOR LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. A member since 1953. Date of last election, 28th November, 1956.

IVAN BEDE JOSE, M.C., M.S., F.R.C.S. A member since 1953. Date of last election, 27th November, 1957.

PROFESSOR PETER HENRY KARMEL, Ph.D. A member since 1955. Date of last election, 17th December, 1958.

CONDOR LOUIS LAUCKE, M.P. Appointed by Parliament for the first time, 23rd August, 1956.

THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B. A member since 1942. Date of last election, 27th November, 1957.

HELEN MARY MAYO, O.B.E., M.D., B.S. A member since 1914. Date of last election, 28th November, 1956.

JAMES MELVILLE, M.Sc., Ph.D. Elected for the first time, 26th November, 1958.

KENNETH HARVEY MILNE, B.E., M.I.E.E., M.I.E. (Aust.). Elected for the first time, 28th November, 1956.

PROFESSOR SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. A member since 1949. Date of last election, 27th November, 1957.

THE HONOURABLE SIR FRANK TENNYSON PERRY, M.B.E., M.L.C. Appointed by Parliament, for the first time, in 1947. Date of last appointment, 4th September, 1956.

ARCHIBALD GRENFELL PRICE, C.M.G., D.Litt., F.R.G.S. A member since 1925. Date of last election, 23rd November, 1955.

PROFESSOR ERIC AROHA RUDD, B.Sc., A.M. Elected for the first time, 26th November, 1958.

WYBERT MILTON CAUST SYMONDS, B.Sc., Dip.Ed. A member since 1953. Date of last election, 28th November, 1956.

KENNETH AGNEW WILLS, C.B.E., M.C., E.D. A member since 1945. Date of last election, 23rd November, 1955.

REGISTRAR:

VICTOR ALLEN EDGELOE, B.A.

THE SENATE

The Senate consists of all Masters of Arts, Masters of Economics, Masters of Science, Masters of Laws, Masters of Surgery, Masters of Dental Surgery, Masters of Engineering, Masters of Agricultural Science, Masters of Architecture, Doctors of Philosophy, Doctors of Medicine, Doctors of Dental Science, Doctors of Laws, Doctors of Science, Doctors of Letters, and Doctors of Music, and of all other Graduates of three years' standing.

OFFICERS:

Warden—THE HONOURABLE SIR GEORGE COUTTS LIGERTWOOD, B.A., LL.B.

Elected for the first time, 28th November, 1945; re-elected 26th November, 1958.

Clerk—VICTOR ALLEN EDGELOE, B.A. Elected for the first time, 24th November, 1948; re-elected 26th November, 1958.

COMMITTEES, FACULTIES AND BOARDS FOR 1959

EDUCATION COMMITTEE

Chairman: Professor L. G. H. Huxley

Vice-Chairman: Professor J. G. Wood

The Chancellor
 The Vice-Chancellor
 Mr. D. A. Dunstan
 Mr. C. E. S. Gordon
 Mr. A. J. Hannan
 Mr. I. B. Jose
 Dr. Helen Mayo
 Dr. A. Grenfell Price
 Mr. W. M. C. Symonds
 The Deans of Faculties

The Chairmen of Boards of Studies
 The Director of the Waite Agricultural
 Research Institute
 The Heads of the Departments of Bac-
 teriology, Entomology, German, Plant
 Pathology, and Psychology.
 The Librarian
 A representative of the four Colleges
 The Professors of the University

FINANCE COMMITTEE

Chairman: Mr. K. A. Wills

The Chancellor
 The Vice-Chancellor
 The Deputy Vice-Chancellor
 The Hon. L. H. Densley
 Mr. A. J. Hannan

Dr. F. Ray Hone
 Mr. I. B. Jose
 Professor P. H. Karmel
 The Hon. Sir George Ligertwood
 The Hon. Sir Frank Perry

FACULTY OF ARTS

Dean: Professor J. R. Trevaskis

Members *ex officio*:

The Chancellor
 The Vice-Chancellor
 The Chairman of the Education Com-
 mittee
 The Dean of the Faculty of Science
 Professor E. S. Barnes
 Professor John Bishop
 Professor J. G. Cornell
 Professor W. G. K. Duncan
 Mr. M. M. S. Finnis
 Professor C. J. Horne

Professor P. H. Karmel
 Professor G. H. Lawton
 Mr. E. Mander-Jones
 Dr. A. W. Meadows
 Professor Norval Morris
 Dr. H. H. Penny
 Mr. E. N. Pfitzner
 Professor J. J. C. Smart
 Professor H. Stretton
 Professor J. R. Trevaskis
 Dr. D. Van Abbé

Members appointed by the Council:

Mr. G. R. Cochrane
 Dr. B. L. D. Coghlan
 Mr. E. R. Corney
 Miss H. Crampton
 Mr. D. A. David
 Mr. M. Bryn Davies
 Mr. S. H. Lovibond

Dr. D. H. Pike
 Dr. A. Grenfell Price
 Mr. R. L. Reid
 Dr. B. C. Rennie
 Mr. E. A. Russell
 Mr. W. M. C. Symonds

FACULTY OF SCIENCE

Dean: Professor D. O. Jordan

Members *ex officio*:

The Chancellor
 The Vice-Chancellor
 The Chairman of the Education Com-
 mittee
 The Dean of the Faculty of Agricul-
 tural Science
 The Dean of the Faculty of Arts
 The Dean of the Faculty of Dentistry
 The Dean of the Faculty of Engineer-
 ing
 The Dean of the Faculty of Medicine
 Professor A. A. Abbie
 Professor A. R. Alderman

Dr. Nancy Atkinson
 Professor G. M. Badger
 Professor E. S. Barnes
 Professor J. H. Bennett
 Mr. G. R. Fuller
 Professor H. S. Green
 Professor L. G. H. Huxley
 Professor D. O. Jordan
 Professor Sir Mark Mitchell
 Professor W. P. Rogers
 Professor E. A. Rudd
 Professor R. F. Whelan
 Professor J. G. Wood

FACULTY OF SCIENCE (Continued)

Members appointed by the Council:

Dr. G. J. Aitchison	Mr. K. H. Milne
Dr. H. G. Andrewartha	Dr. A. D. Packer
Mr. F. M. Collins	Professor R. B. Potts
Dr. J. Clark-Lewis	Professor J. S. Robertson
Dr. M. F. Glaessner	Dr. H. J. Rodda
Dr. E. S. Holdsworth	Mr. G. Szekeres
Dr. C. A. Hurst	Dr. S. G. Tomlin
Dr. D. I. B. Kerr	Dr. B. O. West
Dr. I. S. de la Lande	Dr. H. B. S. Womersley
Dr. M. J. Mayo	

FACULTY OF AGRICULTURAL SCIENCE

Dean: Professor R. K. Morton

Members *ex officio*:

The Chancellor	Professor L. G. H. Huxley
The Vice-Chancellor	Dr. F. G. Jarrett (deputy for Pro-
The Chairman of the Education Com-	fessor P. H. Karmel)
mittee	Professor D. O. Jordan
The Dean of the Faculty of Science	Dr. R. N. McCulloch
Professor A. R. Alderman	Dr. L. H. May
Dr. H. G. Andrewartha (deputy for	Dr. J. Melville
Professor W. P. Rogers)	Professor Sir Mark Mitchell
Professor G. M. Badger	Professor R. K. Morton
Professor J. H. Bennett	Dr. J. P. Riches (deputy for Professor
Dr. K. W. Finlay (deputy for Pro-	J. G. Wood)
fessor C. M. Donald)	Mr. D. C. Swan
Dr. N. T. Flentje	

Members appointed by the Council:

Dr. R. J. Best	Mr. H. S. F. Lower
Dr. J. N. Black	Dr. G. M. E. Mayo
Dr. N. C. Crowley	Mr. R. N. McKeown
The Hon. L. H. Densley	Dr. J. P. Quirk
Mr. G. R. Edwards	Mr. A. G. Strickland
Mr. K. J. Hutchinson	Mr. H. P. C. Trumble
Mr. H. V. Jenkins	Dr. J. H. Warcup

FACULTY OF ENGINEERING

Dean: Professor E. O. Willoughby

Members *ex officio*:

The Chancellor	Professor H. H. Davis
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PSYCHOLOGY**Reader-in-Charge:**

ARTHUR WILKES MEADOWS, M.A. (Melb.), Ph.D. (London), F.B.Ps.S., F.I.S.
 Appointed Senior Lecturer 1955; Reader, 1958.

Senior Lecturer:

SYDNEY HAROLD LOVIBOND, B.A. (Melb.), M.A., A.U.A. Appointed Lecturer
 1954; Senior Lecturer, 1959.

Lecturers:

LAURENCE BINET BROWN, M.A., Dip.Ed. (N.Z.), Ph.D. (London). Appointed
 1957.
 DAVID NORRIS GIBBS, M.A. (N.Z.), Ph.D. (London). Appointed 1957.
 RONALD EDGAR COOPER PENNY, B.A. (Melb.). Appointed 1958.

GEOGRAPHY**Professor:**

GRAHAM HENRY LAWTON, B.A., B.Ed. (Melb.), M.A. (Oxford). Appointed
 Reader-in-Charge, 1951; Professor, 1959.

Senior Lecturer:

KEITH WESTHEAD THOMSON, B.A. (N.Z.), Ph.D. (Washington). Appointed
 Lecturer, 1953; Senior Lecturer, 1958.

Lecturers:

GORDON ROSS COCHRANE, M.A. (N.Z.). Appointed 1957.
 ANN MARSHALL, M.Sc. (Melb.). Appointed Part-time Lecturer, 1940; Lecturer,
 1958.
 CHARLES ROWLAND TWIDALE, M.Sc. (Bristol), Ph.D. (McGill). Appointed 1959.

Tutor:

RONALD KEITH HEFFORD, B.Ec.

EDUCATION**Professor:**

LAURIE FREDERICK NEAL, B.A., Dip.Ed. (London).

Part-time Lecturers:

ERIC NORMAN PFITZNER, M.A. Appointed 1957.
 DANIEL ARTHUR DAVID, M.A. Appointed 1946.
 GEORGE HUGH McQUEEN, M.B., B.S. (Melb.), D.P.H., D.T.M. (Syd.). Appointed
 1951.
 RALPH KEITH MARTIN, B.Ed. (Melb.), B.A. Appointed 1955.
 DUDLEY ANDREW HARRIS, B.Ed. (Melb.), B.A. Appointed 1956.
 ANNIE JOHNSON MILNE, B.A., Dip.Ed. Appointed 1959.

FACULTY OF ECONOMICS

ECONOMICS

The George Gollin Professor:

PETER HENRY KARMEI, B.A. (Melb.), Ph.D. (Camb.). Appointed 1950.

Readers:

RONALD ROBERT HIRST, M.Ec. Appointed Lecturer, 1946; Reader, 1950.
ERIC ALFRED RUSSELL, B.A., B.Com. (Melb.), B.A. (Camb.). Appointed Senior Lecturer, 1952; Reader, 1958.

Senior Lecturer:

JOHN McBAIN GRANT, Dip.Ec. (Camb.), M.Ec. Appointed Lecturer, 1951; Senior Lecturer, 1957.

Senior Lecturer in Agricultural Economics:

FRANCIS GEORGE JARRETT, B.Sc.Agr. (Syd.), Ph.D. (Iowa). Appointed Lecturer 1953; Senior Lecturer 1956.

Lecturers:

ROBERT HENRY WALLACE, B.Com. (Melb.), B.Phil. (Oxford). Appointed 1956.
GEOFFREY COLIN HARCOURT, M.Com. (Melb.). Appointed 1958.
DONALD HENRY WHITEHEAD, B.A. (Oxford). Appointed 1958.
ALLAN DOUGLAS BARTON, B.Com. (Melb.). Appointed 1959.

Tutor:

MARGARET EVELYN LAWRENCE, B.A.

Part-time Lecturer in Public Finance:

RONALD DAVID BARNES, B.Ec. Appointed 1959.

COMMERCE

Professor:

RUSSELL LLOYD MATHEWS, B.Com. (Melb.). Appointed Reader-in-Charge of Commercial Studies, 1953; Professor, 1958.

Lecturer in Accounting:

JAMES WILLIAM BENNETT, B.Com. (Melb.). Appointed 1958.

Part-time Lecturer in Financial Accounting:

EDWARD WEBSDALE PAINTER, A.U.A., F.C.A. (Aust.). Appointed 1946.

Part-time Lecturer in Cost Accounting:

RONALD FRANCIS PASCOE. Appointed 1952.

Part-time Assistant Lecturer in Cost Accounting:

ARTHUR JAMES ADAM. Appointed 1952.

Part-time Lecturer in Commercial Law A:

SAMUEL JOSHUA JACOBS, LL.B. Appointed 1956.

Part-time Lecturer in Commercial Law B:

OSCAR CEDRIC ISAACHSEN, LL.B. Appointed 1953.

FACULTY OF SCIENCE

MATHEMATICS

The Elder Professor of Pure Mathematics and Head of the Department:

ERIC STEPHEN BARNES, B.A. (Syd. and Camb.), Ph.D. (Camb.). Appointed 1958.

Professor of Applied Mathematics:

RENFREY BURNARD POTTS, D.Phil. (Oxford), B.Sc. Appointed 1959.

Reader:

GEORGE SZEKERES, Dip.Chem.Eng. (Budapest). Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1957.

Senior Lecturers:

MAURICE CHADWICK GRAY, B.Sc. Appointed Lecturer, 1943; Senior Lecturer, 1950.

BASIL CAMERON RENNIE, M.A., Ph.D. (Camb.). Appointed 1950.

MAURICE NORMAN BREARLEY, B.E. (W.A.), B.Sc. (Syd.), M.A. (Camb.), Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.

DAVID ELLIOTT, M.Sc. (London), M.S.E. (Princeton). Appointed 1958.

Lecturers:

KERWIN WILLIAM MORRIS, B.Sc. Appointed 1956.

JAMES HENRY MICHAEL, Ph.D. Appointed 1958.

JOHN GAVIN SANDERSON, M.Sc. Appointed 1959.

Part-time Lecturer in Mathematical Statistics:

EDMUND ALFRED CORNISH, D.Sc.

Part-time Lecturer:

CEDRIC FELIX SCHUBERT, B.Sc.

Part-time Tutor:

ESTHER SZEKERES, Dip.M. and P. (Budapest).

PHYSICS**The Elder Professor:**

LEONARD GEORGE HOLDEN HUXLEY, M.A., D.Phil. (Oxford), F.A.A. Appointed 1949.

Reader:

STANLEY GORDON TOMLIN, Ph.D. (London). Appointed Senior Lecturer, 1950; Reader 1953.

Senior Lecturers:

GEORGE RAYNER FULLER, B.Sc. Appointed Assistant Lecturer, 1927; Lecturer, 1946; Senior Lecturer, 1950.
 GORDON JAMES AITCHISON, Ph.D. Appointed Lecturer, 1946; Senior Lecturer, 1954.
 ROBERT WOODHOUSE CROMPTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.
 WILLIAM GRAHAM ELFORD, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.
 DAVID JOHN SUTTON, Ph.D. Appointed Lecturer, 1950; Senior Lecturer, 1959.

Lecturers:

MICHAEL ISAAC GLOVER ILIFFE, B.Sc. Appointed 1946.
 EDWIN HARRY MEDLIN, Ph.D. Appointed 1951.
 ARTHUR REGINALD BEVAN, B.Sc. (London), M.Sc. (Syd.) Appointed 1959.
 CHARLES JOHN EDGAR KEMPSTER, M.A., Ph.D. (Camb.). Appointed 1959.

Demonstrators:

VICTOR MITCHNIK, B.Sc. (M.I.T.), M.Sc. (Calif.).
 COLIN RAYMOND McGEE, B.Sc.
 MALCOLM JOHN KAY, B.Sc.

MATHEMATICAL PHYSICS**Professor:**

HERBERT SYDNEY GREEN, Ph.D., D.Sc. (Edin.), F.A.A. Appointed 1951.

Senior Lecturer:

CHARLES ANGAS HURST, B.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed 1957.

Research Fellow:**PHYSICAL AND INORGANIC CHEMISTRY****The Angas Professor:**

DENIS OSWALD JORDAN, Ph.D., D.Sc. (London), F.R.I.C. Appointed 1954.

Senior Lecturers:

BRUCE OSWALD WEST, Ph.D. (Adel. and Camb.). Appointed Lecturer, 1950; Senior Lecturer, 1957.
 JACK ROBSON URWIN, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.
 PETER JOHN DUNLOP, B.Sc. (W.Aust.), Ph.D. (Wisconsin). Appointed 1959.

Lecturers:

STANLEY WALLACE KENNEDY, Ph.D. (Belfast). Appointed 1957.
 THOMAS KURUCSEV, Ph.D. Appointed 1958.
 THOMAS NORMAN BELL, Ph.D. (Durham). Appointed 1958.
 MAURICE LEON MARTIN, B.A., B.Sc., Dip.Ed. Appointed 1959.

Demonstrator:

FRANCIS EDWARD TRELOAR, B.Sc.

I.C.I.A.N.Z. Research Fellow:

ROSS BANKS INMAN, B.Sc.

ORGANIC CHEMISTRY**Professor:**

GEOFFREY MALCOLM BADGER, M.Sc. (Melb.), Ph.D. (London), D.Sc. (Glasgow), F.R.I.C. Appointed Senior Lecturer, 1949; Reader, 1951; Professor, 1955.

Reader:

HAROLD JAMES RODDA, Ph.D. (Camb.), M.Sc. Appointed Senior Lecturer, 1951; Reader, 1957.

Senior Lecturer:

JOHN WILLIAM CLARK-LEWIS, B.Sc. (London), B.Pharm., Ph.D. (Nott.), F.R.I.C. Appointed 1955.

Lecturers:

GRAHAM ETHELBERT LEWIS, Ph.D. Appointed 1958.
 WOLFGANG HERMANN FRITZ SASSE, Ph.D. Appointed 1956.
 ATHELSTAN LAURENCE JOHNSON BECKWITH, B.Sc. (W.A.), D.Phil. (Oxford). Appointed 1958.
 KEVIN THOMAS POTTS, M.Sc. (Syd.), D.Phil. (Oxford). Appointed 1958.

Temporary Lecturer:

MALCOLM JAMES THOMPSON, Ph.D.

GEOLOGY AND MINERALOGY

Professor:

ARTHUR RICHARD ALDERMAN, Ph.D. (Camb.), D.Sc., F.G.S. Appointed 1953.

Reader in Geology and Palaeontology:

MARTIN FRITZ GLAESSNER, Ph.D. (Vienna), D.Sc. (Melb.), F.A.A. Appointed Senior Lecturer, 1950; Reader, 1952.

Senior Lecturers:

ALFRED WILLIAM KLEEMAN, Ph.D. Appointed Lecturer, 1939; Senior Lecturer, 1950.

PAUL SAMUEL HOSSFELD, Ph.D. Appointed Temporary Lecturer, 1951; Lecturer, 1954; Senior Lecturer, 1959.

Lecturers:

ROBIN LANGFORD OLIVER, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed 1958.

JOHN BRETT JONES, B.Sc. (Qsld.), Ph.D. (Wisconsin). Appointed 1959.

JAMES LAWRENCE TALBOT, B.A. (Camb.), M.A. (California). Appointed 1958.

Senior Demonstrator:

ELIZABETH MAUD McBRIAR, B.Sc. (Melb.).

Demonstrators:

MARY JULIA WADE, B.Sc.

KEVIN CHARLES BECK, B.Sc.

CHRISTOPHER CARL VON DER BORCH, B.Sc.

Laboratory Steward:

HECTOR EDWARD EARL BROCK.

ECONOMIC GEOLOGY

Professor:

ERIC AROHA RUDD, A.M. (Harvard), B.Sc. Appointed 1949.

BOTANY

Professor:

JOSEPH GARNETT WOOD, Ph.D. (Camb.), D.Sc., F.A.A. Appointed Lecturer, 1927; Professor, 1935.

Senior Lecturers:

HUGH BRYAN SPENCER WOMERSLEY, Ph.D. Appointed Lecturer, 1946; Senior Lecturer, 1950.

RAYMOND LOUIS SPECHT, Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1955.

JAMES PETER REEVE RICHES, M.A., Ph.D. (Camb.). Appointed Lecturer, 1953; Senior Lecturer, 1956.

Systematic Botanist:

CONSTANCE MARGARET EARDLEY, M.Sc.

Demonstrators:

ELISE MARGARETTA WOLLASTON, A.U.A., B.Sc.

HELENE ALICE MARTIN, B.Sc.

MARGARET ELVA JACKMAN, B.Sc.

BIOLOGY

Senior Lecturer:

PETER GORDON MARTIN, Ph.D. Appointed Lecturer, 1956; Senior Lecturer, 1959.

Lecturer:

DEREK ANTHONY DUCKHOUSE, Ph.D. (London). Appointed 1958.

Demonstrator:

ESTELLE ANNE SHEPLEY, M.Sc.

ZOOLOGY

Professor:

WILLIAM PERCY ROGERS, M.Sc. (W.A.), Ph.D. (London), F.A.A. Appointed 1952.

Senior Lecturers:

IFOR MORRIS THOMAS, M.Sc. (Wales). Appointed Lecturer 1947; Senior Lecturer, 1950.

STANLEY JOE EDMONDS, B.A., Ph.D. Appointed Lecturer, 1952; Senior Lecturer, 1955.

GEOFFREY BRUCE SHARMAN, B.Sc. (Tas.). Appointed Lecturer, 1956; Senior Lecturer, 1959.

Senior Demonstrator:

LAURA MADELINE ANGEL, M.Sc.

Demonstrator:

LEOLA BETH TWIST, B.Sc.

ANIMAL ECOLOGY**Reader:**

HERBERT GEORGE ANDREWARTHA, D.Sc. Appointed Entomologist, 1936,
Senior Entomologist, 1950; Reader, 1955.

Senior Lecturer:

THOMAS OAKLEY BROWNING, B.Sc. (Syd.), Ph.D. Appointed Entomologist,
1948; Senior Lecturer, 1955.

Research Fellow:

PAUL EDWARD MADGE, B.Sc. (Cal. S.P.C.), Ph.D. Appointed Entomologist,
1952; Research Fellow, 1956.

BIOCHEMISTRY AND GENERAL PHYSIOLOGY**Professor:**

SIR MARK LEDINGHAM MITCHELL, Kt., M.Sc. (Camb.). Appointed Lecturer,
1927; Professor, 1938.

Reader:

ERIC SPENCER HOLDSWORTH, Ph.D. (Leeds), F.R.I.C. Appointed 1958.

Senior Lecturer:

ALEXANDER BILTON ROY, Ph.D., D.Sc. (Edin.). Appointed 1959.

Lecturer:

MARGARET ELISABETH SUSAN NEVILLE, B.Sc. (Melb.), Ph.D. (Leeds). Ap-
pointed 1956.

Part-time Lecturer in Agricultural Biochemistry:

IVAN GEORGE JARRETT, M.Sc.

Demonstrator:

GRETEL MARY BATEMAN, B.Sc.

Part-time Tutor:

JOAN BURTON PATON, M.Sc.

HUMAN PHYSIOLOGY AND PHARMACOLOGY**Professor:**

ROBERT FORD WHELAN, M.D., Ph.D. (Belfast). Appointed 1958.

Reader:

FRANZ LIPPAY, M.D., D.Jur. (Vienna), D.O. (Lond.), D.Sc. Appointed Lecturer,
1939; Reader, 1950.

Reader in Pharmacology:

IVAN STANLEY DE LA LANDE, Ph.D. (Melb.). Appointed 1958.

Senior Lecturers:

DAVID IAN BEVISS KERR, Ph.D. Appointed Lecturer, 1950; Senior Lecturer,
1955.

ALLAN JOHN DAY, M.Sc., M.D. Appointed Lecturer, 1954; Senior Lecturer,
1955.

Temporary Lecturer:

ALEXANDER GEOFFREY SANDISON, M.B., B.S.

Demonstrators:

BARBARA JOAN DENNIS, B.Sc.

JOHN NEILSON McNALLY, B.Sc.

REGINALD BERNARD PORTER, B.Sc.

BACTERIOLOGY**Reader-in-Charge:**

NANCY ATKINSON, O.B.E., M.Sc. (Melb.), D.Sc. Appointed Lecturer, 1939;
Reader-in-Charge, 1950.

Lecturer:

FRANK MILES COLLINS, M.Sc. Appointed Assistant Lecturer and Demonstrator,
1952; Lecturer, 1954.

Part-time Lecturer in Medical Bacteriology:

JAMES ELVINS McCARTNEY, M.D. (Edin.).

Demonstrators:

ANTHONY HOWARD ROGERS, B.Sc.

GORDON ERNEST SCHWAB, B.Sc.

AILEEN JOYCE THOMPSON, B.Sc.

GENETICS**Professor:**

JOHN HENRY BENNETT, M.A., B.Sc. (Melb.), Ph.D. (Camb.). Appointed 1956.

Senior Lecturers:

GEORGE MELROSE ELTON MAYO, Ph.D. Appointed Agronomist, 1947;
Plant Geneticist, 1950; Senior Lecturer, 1957.

MARJORIE JEAN MAYO, Ph.D. (Camb.), M.Sc. (Melb.). Appointed Lecturer,
1952; Senior Lecturer, 1957.

FACULTY OF AGRICULTURAL SCIENCE

and

THE WAITE AGRICULTURAL RESEARCH INSTITUTE

Director of the Institute:

JAMES MELVILLE, M.Sc. (N.Z.), Ph.D. (Lond.). Appointed 1956.

AGRICULTURAL CHEMISTRY

The Waite Professor of Agricultural Chemistry and Head of the Department:

ROBERT KERFORD MORTON, B.Sc.Agr. (Syd.), Ph.D. (Camb.), F.A.A. Appointed 1957.

Readers:

Soil Science:

JAMES PATRICK QUIRK, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed 1956.

Virology:

RUPERT JETHRO BEST, D.Sc. Appointed Assistant Lecturer, 1928; Lecturer, 1930; Senior Lecturer, 1950; Reader, 1958.

Senior Lecturers:

Protein Chemistry:

DAVID HUGO SIMMONDS, Ph.D. (Lond.), M.Sc. Appointed 1958.

Plant Biochemistry:

ALISON ADELE MILLERD, Ph.D. (Syd.). Appointed 1958.

Lecturers:

Soil Science:

DENNIS JAMES GREENLAND, M.A., D.Phil. (Oxford). Appointed 1959.

JOHN WILLIAM MCGARITY, M.Sc.Agr. (Syd.). Appointed 1958.

Enzyme Chemistry:

MAURICE RAYMOND ATKINSON, Ph.D. (Tas.). Appointed 1957.

Virus Chemistry:

HERMANN PETER CHRISTIAN GALLUS, M.Sc. Appointed 1931.

Soil Chemistry:

DAVID GRAY LEWIS, M.Sc. Appointed 1951.

Physical Chemistry:

JOHN HEWLETT COATES, B.Sc. (Nott.), Ph.D. (Special Research Fellow). Appointed 1957.

Analyst:

ALLEN CHARLES JENNINGS, B.Sc. (Syd.). Appointed 1956.

AGRONOMY

The Waite Professor of Agriculture and Head of the Department:

COLIN MALCOLM DONALD, B.Sc.Agr. (Syd.), M.Ag.Sc. Appointed 1954.

Senior Lecturers:

Plant Breeding and Genetics:

KEITH WARREN FINLAY, Ph.D. (W.A.). Appointed 1955.

Agronomy:

JOHN NICHOLSON BLACK, M.A., D.Phil. (Oxford). Appointed Lecturer, 1952;

Senior Lecturer, 1953.

KEITH PERCIVAL JOHN BARLEY, M.Agr.Sc. (Melb.). Appointed Lecturer, 1955;

Senior Lecturer, 1958.

RICHARD JAMES MILLINGTON, M.Sc. (Syd.), Ph.D. Appointed Lecturer, 1952;

Senior Lecturer, 1959.

Agrostology:

HAROLD VICTOR JENKINS, B.Sc.Agr. (Syd.). Appointed 1957.

Arid Zone Research:

(Mortlock Fellow).

Lecturers:

Botany:

DAVID ERIC SYMON, B.Ag.Sc. Appointed in Agronomy, 1951; in Botany, 1956.

Agronomy:

JAMES KELVIN POWRIE, B.Sc.Agr. (W.A.), M.Sc. Appointed 1958.

Plant Breeding and Genetics:

RONALD KNIGHT, B.Sc. (Lond.), Dip.Ag.Sc. (Camb.), Dip. Trop. Ag. (I.C.T.A.).

Appointed 1955.

Cytology:

KARLIS ABELE, M.A. (Riga), Ph.D. (Marburg and Tartu). Appointed 1949.

Agrostology:

JAMES HENRY SILSBURY, B.Sc.Agr. (W.A.). Appointed 1956.

Animal Production:

WILLIAM GEORGE ALLDEN, M.A. (Camb.). (Wool Research Fund). Appointed 1956.

ENTOMOLOGY

Reader, and Head of Department:

DUNCAN CAMPBELL SWAN, M.Sc. Appointed Lecturer, 1931; Senior Lecturer, 1946; Reader, 1955.

Senior Lecturer:

HAROLD STEWART FARNHAM LOWER, M.Sc. Appointed 1950.

Lecturers:

BRUCE JOHNSON, B.Sc.Agr. (Syd.), Ph.D. (Lond.). Appointed 1955.
 KEITH MURRAY DOULL, M.Agr.Sc. (N.Z.). Appointed 1955.
 DEREK ALAN MAELZER, M.Sc. (W.A.), Ph.D. Appointed 1956.
 PETER WALLACE MILES, M.Sc. (Rhodes), Ph.D. (Camb.). Appointed 1957.
 LINDSAY DINHAM CRAWFORD, B.Sc. (Tas.). (Wool Research Fund). Appointed 1957.
 DOUGLAS JOHN TAYLOR, B.Sc. (Wales), Dip.Agr.Sc. (Camb.), Dip.Trop.Agr. (Trin.), (Wool Research Fund). Appointed 1957.
 JOHN MALCOLM MONRO, B.Sc. (Syd.). Appointed 1958.
 FURNESS DAVID MORGAN, M.Sc. (N.Z.), Ph.D. (Calif.). Appointed 1958.

Assistant Systematic Entomologist:

HELEN MAY BROOKS. Appointed Laboratory Assistant, 1936; Technical Assistant, 1943; Assistant Systematic Entomologist, 1957.

PLANT PATHOLOGY

Reader, and Head of the Department:

NOEL THOMAS FLENTJE, Ph.D. (Lond.), M.Sc. Appointed Lecturer, 1947; Senior Lecturer, 1951; Reader, 1958.

Senior Lecturers:

Microbiology:

JOHN HENRY WARCUP, M.Sc. (N.Z.), Ph.D. (Camb.). Appointed 1951.

Plant Pathology:

ALLEN KERR, B.Sc. (Edin.), Ph.D. Appointed Lecturer, 1951; Senior Lecturer, 1959.

Lecturers:

Plant Pathology:

NEIL CLARENCE CROWLEY, B.Sc.Agr. (Syd.), Ph.D. Appointed 1951.
 MAURICE VERNON CARTER, M.Agr.Sc. Appointed Research Officer, 1953; Lecturer, 1956.

Nematology:

JOHN MALCOLM FISHER, B.Sc.Agr. (Syd.). Appointed 1956.

Temporary Lecturer:

Plant Pathology:

BRUCE GARNET CLARE, B.Sc. (Q'land). Appointed 1958.

PLANT PHYSIOLOGY

Reader, and Head of the Department:

LANCELOT HARRIS MAY, Ph.D. (Lond.), B.Sc., D.I.C. Appointed Lecturer, 1950; Senior Lecturer, 1955; Reader, 1959.

Lecturers:

Plant Physiology:

NICOS GEORGE MARINOS, M.Sc. (Iowa), Ph.D. Appointed Temporary Lecturer, 1952; Lecturer, 1956.
 LESLIE CODELL PALEG, Ph.D. (Iowa). Appointed 1957.
 DONALD ASPINALL, Ph.D. (Nctt.). (Barley Improvement Fund). Appointed 1957.

Horticulture:

GORDON ROBERT EDWARDS, M.Sc. (Calif.), B.Agr.Sc. Appointed 1957.

OTHER OFFICERS

Biometrician:

Secretary:

GARFIELD LOCKHART GOODEN, A.A.S.A. Appointed Clerical Assistant, 1928; Secretary 1947.

Farm Manager:

KENNETH ARTHUR PIKE, R.D.A. Appointed Field Officer 1926; Farm Manager 1950.

Librarian:

SHIRLEY JEAN SUSMAN, B.Sc. Appointed 1951.

Photographer:

KEITH PLANTA PHILLIPS, A.R.P.S. Appointed 1945.

FACULTY OF ENGINEERING

CIVIL ENGINEERING

Professor:

FRANK BERTRAM BULL, M.A. (Camb.), B.Sc. (London). Appointed 1952.

Readers:

THOMAS ALBERT FARRENT, B.Sc., B.E. Appointed Lecturer, 1939; Senior Lecturer, 1947; Reader, 1950.
 GEORGE SVED, Dip.Mech.Eng. (Budapest). Appointed Senior Lecturer, 1950; Reader, 1958.

Senior Lecturers:

ARTHUR JAMES ROBINSON, B.C.E. (Melb.). Appointed Testing Officer, 1937; Assistant Lecturer, 1940; Lecturer, 1946; Senior Lecturer, 1950.
 ROBERT CULVER, B.Sc., B.E. Appointed Lecturer, 1949; Senior Lecturer, 1954.

Lecturers:

DONALD HENRY TYLER, B.E. Appointed 1953.
 DAVID STIRLING BROOKS, M.E. Appointed 1958.

ELECTRICAL ENGINEERING

Professor:

ERIC OSBORNE WILLOUGHBY, M.A., B.E.E., B.C.E. (Melb.). Appointed 1946.

Senior Lecturers:

GEORGE ELLESWORTH, B.Sc. (Eng.) (London). Appointed 1955.
 GORDON ALBERT ROSE, B.E. Appointed 1958.
 STEPHEN DIMOV KANEFF, Ph.D. Appointed Lecturer, 1955; Senior Lecturer, 1958.
 MURRAY WILLIAM ALLEN, B.E. Appointed 1958.

Lecturer:

DAVID CHRISTIAN PAWSEY, B.E.E. (Melb.). Appointed 1952.

Part-time Lecturer:

ROMAN MARIA ANTHONY OLESNICKI, Dip.Eng. (Lvov.). Appointed 1955.

MECHANICAL ENGINEERING

Professor:

HENRY HARGAN DAVIS, B.Sc., B.E. (Syd.), Ph.D. (Camb.). Appointed 1948.

Reader:

RONALD GEORGE BARDEN, B.Sc. (London), Ph.D. Appointed Senior Lecturer, 1952; Reader, 1958.

Senior Lecturers:

WILLIAM DEVON DOBLE, B.E. (Syd.). Appointed 1955.
 DOUGLAS HECTOR NORRIE, B.E. (N.Z.). Appointed Lecturer, 1957; Senior Lecturer, 1959.

Lecturers:

JAMES HENRY FOWLER, B.E. Appointed 1956.
 ANTHONY GEORGE THOMPSON, B.E. (Auckland), A.M.Mech.E. Appointed 1958.
 ROBERT BRUCE KING, B.Sc. (Syd.), A.S.T.C. Appointed 1959.

Honorary Lecturer (and Head of the Department of Mechanical Engineering in the School of Mines):

WALTER HERMAN SCHNEIDER, M.E.

Part-time Lecturer in Industrial Engineering:

DAVID LLEWELLYN ELIX, B.E. Appointed 1954.

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

Professor, and Director of the Bonython Laboratories:

EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.), F.R.I.C. Appointed 1947.

Reader in Mining Engineering:

JOHN PHILIP MORGAN, B.E., A.S.T.C. (Mining). Appointed 1950.

Reader in Chemical Engineering:

ROBERT WILLIAM FRANCIS TAIT, Ph.D. (Birm.). Appointed Senior Lecturer, 1950; Reader, 1955.

Senior Lecturer in Chemical Engineering:

THOMAS OLIVER PENMAN, B.Sc. (Eng.) (London). Appointed Lecturer, 1955; Senior Lecturer, 1959.

FACULTY OF LAW

The Bonython Professor of Laws:

NORVAL RAMSDEN MORRIS, LL.M. (Melb.), Ph.D. (London). Appointed 1958.

Reader:

DANIEL PATRICK O'CONNELL, B.A., LL.M. (N.Z.), Ph.D. (Camb.). Appointed 1953.

Senior Lecturers:

ALEXANDER CUTHBERT CASTLES, LL.B. (Melb.), J.D. (Chicago). Appointed 1958.

IGOR IVAR KAVASS, LL.B. (Melb.). Appointed 1959.

FRANCIS KEVIN HEATHCOTE MAHER, M.A., LL.B. (Melb.). Appointed 1959.

Part-time Lecturers:

In the Law of Property:

WILLIAM ANDREW NOYE WELLS, B.A., B.C.L. (Oxford), LL.B. Appointed 1954.

In the Law of Equity and Conveyancing:

BRIAN OSWALD HUNTER, LL.B.

In Mercantile Law:

EARNEST PHILLIPS, Q.C., LL.B. Appointed 1938.

In the Law relating to Companies, Partnership, Bankruptcy, and Divorce:

LOUIS ARNOLD WHITTINGTON, LL.B. Appointed 1938.

In the Law of Evidence and Procedure:

ELWYN BEWELL SCARFE, LL.B.

In the Law of Contract:

RICHARD ARTHUR BLACKBURN, B.A., B.C.L. (Oxford).

In Legal Ethics:

JOHN NEIL McEWIN, LL.B. Appointed 1953.

In Legal History:

JOHN JEFFERSON BRAY, LL.D.

FACULTY OF MEDICINE

For Biochemistry, Physiology and Bacteriology, see under the Faculty of Science.

STUDIES IN HUMANITIES FOR MEDICAL STUDENTS

Reader:

CHARLES REGINALD SCHILLER HARRIS, M.A., D.Phil. (Oxford), Ph.D. (Princeton), M.Inst.P. Appointed 1958.

ANATOMY AND HISTOLOGY

The Elder Professor:

ANDREW ARTHUR ABBIE, M.D., B.S., D.Sc. (Syd.), Ph.D. (London), F.R.A.C.P. Appointed 1945.

Reader:

ARTHUR DUDLEY PACKER, M.Sc., M.D. Appointed Lecturer, 1948; Senior Lecturer, 1950; Reader, 1954.

Senior Lecturer:

Lecturers:

ROBERT ANGUS BARBOUR, M.B., B.S. Appointed 1956.

GRAEME SORBY ADAMS, M.B., B.S. Appointed 1959.

ALBERT RAYMOND ANDERSON, M.B., B.S. Appointed 1959.

Lecturer in Histology:

LORNA MARY ALEXANDRA GREEN, B.A., M.Sc. Appointed 1952.

Senior Demonstrator in Histology:

JUDITH SCHRODER, B.Sc.

PATHOLOGY

The George Richard Marks Professor:

JAMES STRUAN ROBERTSON, M.B., B.S. (Syd.), D.Phil. (Oxford). Appointed 1949.

Reader:

ROSS TRELOAR WISHART REID, M.D. Appointed Lecturer, 1950; Senior Lecturer, 1952; Reader, 1957.

Senior Lecturer in Forensic Pathology:

PHILIP RICHARD HODGE, M.B., B.S. Appointed 1958.

Lecturers:

KEITH DOUGLAS MURRAY, M.B., B.S. (Syd.). Appointed 1957.

REGINALD KENNETH PAK POY, M.B., B.S. Appointed Temporary Lecturer, 1956; Lecturer, 1957.

Temporary Lecturer:

ATHOL WILLIAM JOHN LYKKE, M.B., B.S. Appointed 1959.

MEDICINE**The Mortlock Professor:**

HUGH NORWOOD ROBSON, M.B., Ch.B. (Edin.), F.R.C.P. (Edin.). Appointed 1953.

Reader:

BASIL STUART HETZEL, M.D., F.R.A.C.P. Appointed 1958.

Half-time Senior Lecturer in Medicine:

HUGH ROBERT GILMORE, M.B., B.S., M.R.C.P. Appointed 1954.

Part-time Lecturers:**In Medicine:**

MELVILLE ERNEST CHINNER, M.D., M.R.C.P., F.R.A.C.P. Appointed 1955.
JOSIAH MARK BONNIN, M.D., M.R.C.P. Appointed 1957.
CHRISTOPHER BAGOT SANGSTER, M.D., M.R.C.P. Appointed 1958.

In Psychological Medicine:

HARRY MILTON SOUTHWOOD, B.Sc., M.D. Appointed 1949.

In Pulmonary Tuberculosis:

PHILIP SCOTT WOODRUFF, M.D. (Melb.), D.T.M. and H. (Syd.), M.R.A.C.P., Appointed 1951.

In Medical Diseases of Children:

MALCOLM TURNER COCKBURN, M.D., F.R.A.C.P. Appointed 1954.

Part-time Tutors:**In Medicine:**

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
DAVID EVERSON DUNN, M.B., B.S., M.R.C.P.
ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H.
DENE ALAN HICKS, M.B., B.S.
STEPHEN CHARLES MILAZZO, M.B., B.S., M.R.A.C.P.
RICHARD HAROLD CHARLES RISCHBIETH, M.B., B.S., M.R.C.P., M.R.A.C.P.

In Infectious Diseases:

IVAN MAURICE HENRY CAMENS, M.B., B.S., M.R.A.C.P.
ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H.

In Medical Pediatrics at Adelaide Children's Hospital:

THOMAS HUDSON BEARE, M.B., B.S., M.R.C.P., M.R.A.C.P.
HENRY GEORGE RISCHBIETH, M.B., B.S., D.C.H. (Melb.), M.R.A.C.P.

In Clinical Psychiatry:

JOHN EWART CAWTE, M.B., B.S. (Honorary).

Teaching Registrar in Medicine, Queen Elizabeth Hospital:

MALCOLM WILLIAM BEGG, M.B., B.S.

Full-time Assistant to the Professor:

IAN JAMES FORBES, M.B., B.S., M.R.A.C.P.

Michell Research Worker:**Research Fellow:**

JAMES ROLAND LAWRENCE, M.B., B.S., M.R.A.C.P.

SURGERY**Professor:**

RICHARD POMFRET JEPSON, B.Sc., M.B., Ch.B. (Manc.), F.R.C.S. (Eng.). Appointed 1958.

Part-time Lecturers:**In Surgery:**

JOHN RUSSELL BARBOUR, M.B., M.S., F.R.C.S., F.R.A.C.S. Appointed 1954.
ALAN THOMAS BRITTEN JONES, M.B., B.S., F.R.C.S. (Edin.). Appointed 1952.
ALISTAIR CAMPBELL McEACHERN, M.B., M.S., F.R.C.S. Appointed 1952.
ALAN HARDING LENDON, M.B., B.S., F.R.C.S. Appointed 1959.

In Ophthalmic Surgery (Dr. Charles Gosse, Lecturer):

THOMAS LESLIE McLARTY, M.D., D.O.M.S. Appointed 1954.

In Diseases of the Ear, Nose and Throat:

ALFRED SYDNEY DE BOHUN COCKS, M.S., D.L.O., F.R.A.C.S.

In Surgical Diseases of Children:

DOUGLAS GORDON McKAY, M.B., B.S., F.R.C.S. (Edin.). Appointed 1951.

In Anaesthetics:

NORMAN GRAEME MARSHALL, M.B., Ch.B. (N.Z.), D.A., F.F.A., R.C.S.

Part-time Tutors:**In Surgery and Applied Anatomy:**

JOHN ROBERT BADGER, M.B., B.S.
 DONALD DOUGLAS BEARD, M.B., B.S., F.R.C.S.
 ALLAN GORDON CAMPBELL, M.B., M.S., F.R.C.S.
 LEHONDE LUCAS HOARE, M.B., B.S., F.R.C.S. (Eng.), F.R.A.C.S.
 RONALD HUNTER, M.B., B.S.
 DONALD STUART KIDD, M.B., B.S., F.R.C.S., F.R.A.C.S.
 LENA ELIZABETH McEWAN, M.B., B.S., F.R.C.S., F.R.A.C.S.
 JOHN PEARCE MADDERN, M.B., B.S., F.R.C.S., F.R.A.C.S.
 COLIN GORDON PAULL, M.B., B.S.
 MERVYN KEITH SMITH, M.B., B.S., F.R.C.S., F.R.A.C.S.
 BARTON FREDERICK VENNER, M.B., M.S., F.R.C.S., F.R.A.C.S.
 CHARLES GRAHAM WILSON, M.B., B.S., F.R.C.S., F.R.A.C.S.

In Surgical Pediatrics at the Adelaide Children's Hospital:

GEOFFREY GURNER WYLLIE, M.B., B.S.

Teaching Registrar in Surgery:

RICHARD CLAYTON BENNETT, M.B., B.S.

Teaching Registrar in Surgery, Queen Elizabeth Hospital:

RICHARD ANTHONY RIEGER, M.B., B.S.

OBSTETRICS AND GYNAECOLOGY**Professor:**

LOYD WOODROW COX, M.B., Ch.B. (N.Z.), F.R.C.S. (Eng.), F.R.A.C.S.,
 M.R.C.O.G. Appointed 1958.

Reader:

LESLIE OSWYN SHERIDAN POIDEVIN, M.B., B.S. (Syd.), M.R.C.O.G. (Lond.).
 Appointed 1952.

Senior Lecturer:

VICTOR BOCKNER, L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.R.C.O.G. Appointed
 1955.

Dr. Edward Willis Way Lecturer in Gynaecology:

HENRY EDWARD PELLEW, M.B., B.S., M.R.C.O.G. (Lond.). Appointed 1953.

Part-time Tutors:

ROBERT AUSTIN KENIHAN, M.B., B.S., M.R.C.O.G.
 LAWRENCE JOHN RICE, M.B., B.S., M.R.C.O.G.
 JOHN STARK SKIPPER, M.B., B.S., M.R.C.O.G.
 MARY ELIZABETH WALKER, B.Sc., M.B., Ch.B. (St. Andrews), M.R.C.O.G.

Part-time Tutors in Gynaecology:

ALFRED DUDLEY BYRNE, M.B., B.S., M.R.C.O.G.
 RONALD MacKENZIE MacINTOSH, M.B., B.S., F.R.A.C.S., D.G.O., M.R.C.O.G.

Part-time Tutors in Clinical Obstetrics:**At The Queen Elizabeth Hospital:**

WILBUR FRANCIS JOYNT, M.B., B.S. (Melb.), D.G.O. (Trinity), L.M. (Rotunda),
 M.R.C.O.G. (Lond.).

At The Queen Victoria Maternity Hospital:

FREIDA RUTH HEIGHWAY, M.D., B.S. (Syd.), F.R.C.O.G.

Part-time Tutors in Pediatrics:**At The Queen Elizabeth Hospital:**

HENRY GEORGE RISCHBIETH, M.B., B.S., D.C.H. (Melb.), M.R.A.C.P.

At The Queen Victoria Maternity Hospital:

ERIC BALDWIN SIMS, M.D., B.S., M.R.A.C.P.

Part-time Tutor in Mothercraft:

DAVID NOEL MORTON FEARON, M.B., B.S. (Melb.).

CHILD HEALTH**Professor:****OTHER PART-TIME OFFICERS****Lecturer in Public Health and Preventive Medicine:**

ALBERT RAY SOUTHWOOD, C.M.G., M.D., M.S., M.R.C.P. Appointed 1938.

Demonstrators in Public Health and Preventive Medicine:

HARRY FENWICK HUSTLER, M.B., B.S., D.P.H.
 GEORGE HUGH McQUEEN, M.B., B.S., D.T.M., D.P.H. (Syd.).

Tutor in Radiology:

MARTIN DESMOND BEGLEY, M.B., B.S. (Lond.), M.R.C.S. (Eng.), F.F.R.

FACULTY OF DENTISTRY

Professor of Dental Science:

ARTHUR MAXWELL HORSNELL, L.D.S.R.C.S. (Eng.), F.D.S.R.C.S., M.R.C.S.
(Eng), L.R.C.P. (Lond.), Appointed 1959.

PROSTHETIC DENTISTRY

Reader:

MURRAY JAMES BARRETT, M.D.S. Appointed 1951.

Part-time Lecturer:

HURTLE THOMAS JACK EDWARDS, D.D.Sc. Appointed 1929.

Part-time Assistant Lecturer:

KENNETH JAMES ROBERTSON, M.D.S.

Part-time Tutors:

ROBERT STEWART BLACKBURN, B.D.S. Appointed 1949.

JOHN BICE DAY, B.D.S. Appointed 1949.

HAROLD BRUCE FRAYNE, M.D.S. Appointed 1949.

KENNETH JAMES ROBERTSON, M.D.S.

ROBERT ANTHONY STANTON, B.D.S. Appointed 1956.

Part-time Demonstrators:

JOHN BLUM, B.D.S. Appointed 1959.

KENNETH AYLESBURY BROWN, B.D.S. Appointed 1959.

REUBEN JOHN MYHILL, B.D.S. Appointed 1956.

CHRISTOPHER MALCOLM SOMERVILLE, B.D.S. Appointed 1954.

BRUCE ALLISON TIDSWELL, B.D.S. Appointed 1959.

JOHN ALEXANDER REINERS, B.D.S. Appointed 1959.

CONSERVATIVE DENTISTRY

Part-time Lecturer:

GORDON ORD LAWRENCE, D.D.Sc. Appointed 1939.

Part-time Instructor:

GORDON ORD LAWRENCE, D.D.Sc. Appointed 1947.

Part-time Tutors:

HAROLD VERNON CLARKE, B.D.S. Appointed 1949.

BRIAN CORRELL CRISP, B.D.S. Appointed 1949.

HUGH DALEY KENNARE, B.D.S. Appointed 1956.

JOHN FREDERIC LAVIS, M.D.S. Appointed 1949.

GLENN MILLHOUSE, B.D.S. Appointed 1952.

GRAHAM MOUNT, B.D.S. (Svd.), Appointed 1952.

PHILIP MURDOCH WESSLINK, B.D.S. (Syd.), Appointed 1947.

ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1947.

Part-time Tutor in Children's Operative Dentistry:

WESLEY MELVYN TILLER MARSHMAN, B.D.S. Appointed 1949.

Part-time Demonstrators:

JOHN FRANCIS BURROW, B.D.S. Appointed 1955.

REGINALD FRANK HARRINGTON, B.D.S. Appointed 1957.

CROWN AND BRIDGE WORK

Part-time Lecturer:

MALCOLM STEWART JOYNER, B.D.S. Appointed 1936.

Part-time Tutor:

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed Demonstrator, 1940; Tutor, 1957.

Part-time Demonstrator:

ERIC DESMOND MORGAN, B.D.S. Appointed 1949.

DENTAL ANATOMY

Part-time Demonstrator:

LACHLAN LEWIS DAENKE, B.D.S.

DENTAL SURGERY AND PATHOLOGY

Reader:

JAMES ALEXANDER CRAN, B.D.Sc. (Q'sld), M.D.S. Appointed Lecturer, 1953;
Reader, 1954.

Part-time Tutors:

KEVIN READING MOORE, B.D.S. Appointed 1959.

JOHN LEONARD EUSTACE, B.D.S. Appointed 1951.

ORTHODONTICS

Part-time Lecturer:

PERCY RAYMOND BEGG, B.D.S. (Melb.), D.D.Sc. Appointed 1926.

Part-time Demonstrator:

PERCY RAYMOND BEGG, B.D.S. (Melb.), D.D.Sc. Appointed 1926.

PERIODONTICS

Lecturer:

PETER CLARENCE READE, B.D.S., F.D.S.R.C.S. (Eng.).

PART-TIME LECTURERS**Dental Metallurgy:**

FRANTISEK VNUK, B.A., B.Sc. Appointed 1956.

Surgery:

JAMES ESTCOURT HUGHES, M.B., M.S. Appointed 1954.

Medicine:

JOHN MILROY McPHIE, M.B., B.S., M.R.A.C.P. Appointed 1955.

Dental Materia Medica and Therapeutics:

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1959.

Dental Public Health and Services:

ROGER GEORGE WILLOUGHBY, M.D.S. Appointed 1959.

Children's Dentistry:

WESLEY MELVYN TILLER MARSHMAN, B.D.S. Appointed 1951.

PART-TIME ASSISTANT LECTURER**Dental Materia Medica and Therapeutics:**

ALLAN JAMES BLOOMFIELD, B.D.S. Appointed 1956.

PART-TIME LECTURER AND INSTRUCTOR**General Anaesthetics:**

FRANCIS CALLUM ARCHIBALD, M.B., B.S. Appointed 1959.

PART-TIME TUTORS**In Medicine:**

ROBERT HECKER, M.D., M.R.C.P., M.R.A.C.P., D.T.M. and H. Appointed 1958.

In Surgery:

DONALD BARTON McLEAY, M.B., B.S. Appointed 1954.

In Children's Conservative Dentistry:

WESLEY MELVYN TILLER MARSHMAN, B.D.S. Appointed 1959.

FACULTY OF MUSIC

and

THE ELDER CONSERVATORIUM OF MUSIC

The Elder Professor of Music and Director of the Elder Conservatorium:

JOHN BISHOP, O.B.E., F.R.C.M. Appointed 1948.

THEORETICAL SCHOOL**Senior Lecturer:**

JOHN ADAM HORNER, F.R.C.O., L.R.A.M. Appointed 1948.

Lecturers:

JACK VERNON PETERS, B.Mus. (N.Z. and Dur.), A.D.C.M., F.R.C.O. (Chm.),

F.T.C.L. Appointed 1953.

HAROLD FAIRHURST. Appointed 1953.

Part-time Lecturer:

ALISON JOYCE HOLDER, Mus.Bac.

Tutor:

JAMES COBURN GOVENLOCK, Mus.Bac.

PRACTICAL SCHOOL**Pianoforte:**

HARRY LANCELOT DOSSOR, A.R.C.M.

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

CLEMENS THEODOR LESKE, Mus.Bac. (Melb.).

ENID WILLIAMS.

Organ:

JOHN ADAM HORNER, F.R.C.O., L.R.A.M.

JACK VERNON PETERS, B.Mus. (N.Z. and Dur.), A.D.C.M., F.R.C.O. (Chm.),

F.T.C.L.

Singing:

ARNOLD MATTERS.

BARBARA HOWARD.

RICHARD WATSON.

Violin and Viola:

LLOYD DAVIES.

HAROLD FAIRHURST.

LADISLAV JASEK.

Violoncello:

RADOSLAV BERNARD VOCADLO, L.R.A.M.

JOHN DAVID BISHOP.

JAMES WHITEHEAD, A.R.C.M.

Flute:

DAVID CUBBIN.

KEITH YELLAND.

- Oboe: NOEL POST.
- Clarinet: ARNOLD BLAYLOCK.
CLEVE MARTIN.
- Bassoon: JOHN GEORGE GOOD.
- French Horn: STAN FRY.
- Trumpet: LEONARD TAYLOR.
- Percussion: RICHARD SMITH.
- Harp: HUW JONES.
- Double Bass: ARTHUR BONE.
- Orchestra and Chamber Music:
PROFESSOR JOHN BISHOP.
LADISLAV JASEK.
LLOYD DAVIES.
HAROLD FAIRHURST.
JOHN GEORGE GOOD.
- Opera: ARNOLD MATTERS.
BARBARA HOWARD.
- Speech Training and Drama: FRANK JOHNSTON.
- Theory: DAVID MORGAN, A.R.C.M.
- Aural Culture and Musical Appreciation:
ALISON HOLDER, Mus.Bac.
JOHN ADAM HORNER, F.R.C.O., L.R.C.M.
- Accompanists:
ALISON HOLDER, Mus.Bac.
DOROTHY OLDHAM, A.U.A.
MARGARET MACPHERSON, A.U.A.
MARY WARNECKE, A.U.A.
- Accompanying: ENID WILLIAMS.
- Italian: GEORGE MASERO.
- German: EDITH DUBSKY.
- French: ELLIOTT CHRISTOPHER FORSYTH, D. de l'U (Paris), B.A., Dip.Ed.
- OTHER OFFICERS**
- Administrative Assistant: JOHN LEONARD PORTER.
- Librarian: KATHRYN SCHRAMM, A.U.A., A.R.C.M., L.R.C.M.

FACULTY OF ARCHITECTURE AND TOWN PLANNING

Professor of Architecture:

ROLF ARTHUR JENSEN, B.Arch. (Liverpool), F.R.I.B.A., A.M.T.P.I. Appointed 1956.

Senior Lecturers:

HERBERT NEVILLE HOSKINGS, Dip.Arch., A.R.I.B.A. Appointed 1957.
JAMES DERRICK KENDRICK, B.Sc. (Tech.) (Manc.). Appointed 1958.

FACULTY OF TECHNOLOGY

ARCHITECTURE

GAVIN WALKLEY, M.A., M.Litt. (Camb.), B.E., F.R.I.B.A., F.S.A.S.M., F.R.A.I.A.
(Head of Department).
KEVIN TERENCE FOX, B.Arch. (Dublin), A.R.A.I.A.
CHARLES BREARLEY MOSS, Dip.Arch. (Leeds), A.R.I.B.A., A.R.A.I.A.
DEREK ANTHONY DE-GREEFF ABBOTT, A.R.I.B.A., A.A.Dipl.
MARIE PAULINE MOSS, Dip.Arch. (Leeds), A.R.I.B.A.

CIVIL ENGINEERING

FREDERICK ARTHUR HAAS, Dip.Ing. (Head of Department).
DONALD CHARLES CANTY, I.S.
KENNETH CHARLES FILE, B.E., A.M.I.E.A.
BRIAN PRESTON OPIE, Ph.D. (Durham), B.E., A.M.I.E.A.

ELECTRICAL ENGINEERING

WILSON GORDON FORTE, B.E. (Head of Department).
STEPHEN JOHN SEKAY, Dip.Elect.Eng.(Budapest), A.S.T.C.

ELECTRONIC ENGINEERING

DAVID WILLIAM COX, B.Sc.

MATHEMATICS AND PHYSICS

GEORGE HENSON BARRETT HASKARD, M.Sc., A.Inst.P. (Head of Department).
ARTHUR EDWARD NORMAN, B.A., B.Sc. (Mathematics).
ALAN FRANK WOOLDRIDGE, B.Sc. (Physics).
HAROLD EDGAR MANSBRIDGE, B.Sc. (Mathematics).
ERIC ARTHUR TAMLIN, B.Sc. (Mathematics).
JOHN ARTHUR WESTPHALEN, B.Sc. (Physics).

MECHANICAL ENGINEERING

WALTER HERMAN SCHNEIDER, M.E., B.Com. (Head of Department).
REGINALD ERNEST BUTTON, B.E., F.S.A.S.M. (Refrigeration).
GEOFFREY JOHN SAUNDERS, A.S.A.S.M. (Machine Design).
DONALD MAXWELL CALDECOTT, A.S.A.S.M. (Engineering Drawing and Design).

MINING, METALLURGICAL AND CHEMICAL ENGINEERING

PROFESSOR EDGAR CLYNTON ROSS SPOONER, D.Phil. (Oxford), D.Sc. (Tas.).
(Head of Department and Director of the Bonython Laboratories).
ERIC WILLIAM HUGHES, A.R.S.M., A.S.A.S.M., F.R.A.C.I. (Deputy Head).
DUGALD HAUGHTON SLEE, B.A., B.Sc. (Chemistry).
ROY VERNON CULVER, B.Sc., Ph.D., A.S.A.S.M. (Applied Chemistry).
WILLIAM THOMAS DENHOLM, B.Met.E., M.Eng.Sc. (Physical Metallurgy).
MALCOLM HILL, B.E., F.S.A.S.M. (Mineral Dressing).
REGINALD EDWARD UNDERDOWN, M.Sc., A.S.A.S.M. (Industrial Instrumentation).
FRANTIŠEK VNUK, B.A., B.Sc., A.S.A.S.M. (Physical Metallurgy).
HARRY WATTS, B.Sc., Ph.D. (Bristol), (Applied Physical Chemistry).

DEPARTMENT OF PHARMACY

Senior Lecturer on Materia Medica, Pharmacy, and Dispensing:

Lecturers on Pharmacy:

RONALD ALEXANDER ANDERSON, B.Sc., A.U.A. Appointed 1956.

Temporary Lecturer:

BERESFORD HANNAM STOCK, A.U.A.

Part-time Lecturers:

In Forensic Pharmacy:

RODERICK CHARLES MCCARTHY, A.U.A.

In Commercial Pharmacy:

RODERICK CHARLES MCCARTHY, A.U.A.

DEPARTMENT OF PHYSICAL EDUCATION

Senior Lecturer-in-Charge:

BERT FREDERICK GEORGE APPS, B.A., Dip.Ed., D.P.E. (Melb.). Appointed
Lecturer-in-Charge, 1947; Senior Lecturer-in-Charge, 1950.

Lecturers:

ELIZABETH MERYON BARWELL, D.P.E. (Bedford), M.C.S.P. (London). Ap-
pointed 1948.

ANTONY WILLIAM SEDGWICK, B.A. (Birmingham). Appointed 1959.

DEPARTMENT OF SOCIAL STUDIES**Senior Lecturer-in-Charge:**

RAYMOND GEORGE BROWN, B.A., Dip.Soc.Stud. (Melb.), M.S.S. (Bryn Mawr),
Ph.D. (Birm.). Appointed 1959.

Lecturers:

MARGARET NORTON, B.Com., Dip.Soc.Stud. (Melb.), M.A. (Chicago). Appointed
1957.

FRANCES CHRISTIAN SHAW, B.A. (Soc. Sc.; Sth Africa), M.S.W. (McGill).
Appointed 1958.

Temporary Lecturer:

HELEN MARGARET JAMES, B.A. Appointed 1958.

DEPARTMENT OF PHYSIOTHERAPY**Lecturer-in-Charge:**

ELMA GERTRUDE CASELY, T.M.M.G. Appointed 1946.

Part-time Lecturers:

In Physics of Medical Electricity:

In Medical Electricity:

HONOR CAMERON WILSON.

In Muscle Re-education:

MARY KELL FINNIS

In Pathology:

RUTH OSMOND, M.B., B.S.

Part-time Tutors:

In practical Medical Electricity:

HONOR CAMERON WILSON.

CLARE ANNE HANNAFORD, A.U.A.

In General Treatments:

CLARE ANNE HANNAFORD, A.U.A.

GEOFFREY DOUGLAS MAITLAND, A.U.A.

In Children's Treatments:

HELEN SCOTT BLAIR.

MARY KELL FINNIS.

LOIS HEATH DAVISON.

ANTI-CANCER COMMITTEE**Chairman and Hon. Radiotherapist:**

BERTRAM SPEAKMAN HANSON, M.B., B.S.

Deputy Chairman and Senior Hon. Assistant Radiotherapist:

COLIN MARSHALL GURNER, M.B., B.S.

Registrars to the Radiotherapy Clinic:

DOROTHEA SMITH HEITMAN, M.B., B.S.

PIROSKA MAGDOLNA LIGETI, M.B., B.S.

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MERVYN JOHN TOOZE, B.Sc. Appointed 1948.

MURRAY HAROLD PARKER, M.Sc. Appointed 1957.

Assistant Physicist:

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 EDWARD VON BLOMBERG BENSLEY, M.A. (Camb.), 1895-1905.
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 JOHN ALOYSIUS FITZHERBERT, M.C., M.A. (Camb.), 1928-1957 (Emeritus,
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English Language and Literature and Mental and Moral Philosophy:

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 EDWARD VAUGHAN BOULGER, M.A., D.Litt. (Dublin), 1883-1894.
 WILLIAM MITCHELL, M.A., 1894-1922 (Emeritus, 1922).

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 ALEXANDER NORMAN JEFFARES, Ph.D. (Dublin), D.Phil. (Oxford), 1951-1956.

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Civil Engineering:

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Genetics:

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Hon. Radiotherapist:

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Senior Hon. Assistant Radiotherapist:

C. M. GURNER, M.B., B.S. (Adel.), F.C.R.A., M.A.C.R. (U.S.A.).

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Hon. Clinical Assistant to Radiotherapy Department:

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J. S. SKIPPER, M.B., B.S. (Adel.), M.R.C.O.G.
J. L. WADDY, M.B., B.S. (Adel.).
A. R. WEETMAN, M.B., B.S. (Adel.).
- Hon. Pediatrician:
H. G. RISCHBIETH, M.B., B.S. (Adel.), M.R.A.C.P., D.C.H. (R.C.P. and S.).
- Hon. Assistant Pediatrician:
D. M. CRAVEN, B.Sc., M.B., B.Ch. (Wales), D.C.H. (R.C.P. and S.).
- Hon. Radiologist:
G. H. JONES, M.B., B.S. (Adel.), D.D.R. (Melb.), M.C.R.A.
- Hon. Anaesthetist:
V. L. HAWKE, M.B., B.S. (Adel.).

MAREEBA BABIES' HOSPITAL

Hon. Responsible Medical Officer:

F. N. LeMESSURIER, D.S.O., M.D. (Adel.).

Hon. Consulting Physicians:

M. T. COCKBURN, M.D. (Adel.), F.R.A.C.P.

C. A. FINLAYSON, M.B., B.S. (Melb.).

H. M. MAYO, O.B.E., M.D. (Adel.), F.R.A.C.P.

PROFESSOR H. N. ROBSON, M.B., Ch.B. (Edin.), M.R.C.P. (Lond.), F.R.C.P. (Edin.).

Hon. Physicians:

R. G. Ch. de CRESPIGNY, M.B., B.S. (Melb.), F.R.A.C.P.

D. K. MCKENZIE, M.B., B.S. (Adel.).

E. B. SIMS, M.D. (Adel.), F.R.A.C.P.

Hon. Assistant Physician:

J. L. WADDY, M.B., B.S. (Adel.).

Hon. Surgeon:

D. G. McKAY, M.B., B.S. (Adel.), F.R.C.S. (Edin.), F.R.A.C.S.

Hon. Assistant Surgeon:

M. Y. SHEPPARD, M.B., B.S. (Adel.), F.R.A.C.S.

Hon. Consulting Neurosurgeon:

T. A. R. DINNING, M.B., B.S. (Adel.), F.R.C.S.

Hon. Radiologist:

W. G. NORMAN, M.B., B.S. (Adel.), D.D.R. (Melb.).

Hon. Dermatologist:

A. J. HAKENDORF, M.B., B.S. (Adel.), D.D.R. (Melb.).

Hon. Pathologist:

RUTH OSMOND, M.B., B.S. (Adel.).

Hon. Consultant Anatomist:

A. D. PACKER, M.Sc., M.D. (Adel.).

Hon. Dentist:

A. P. PLUMMER, B.D.S. (Adel.).

Medical Registrar:

Anaesthetist:

M. C. NEWLAND, M.B., B.S. (Adel.), D.A. (Melb.), F.F.A., R.A.C.S.

PARKSIDE MENTAL HOSPITAL

Superintendent of Mental Institutions:

H. M. BIRCH, C.B.E., M.R.C.S., L.R.C.P., D.P.M. (Eng.), F.R.A.C.P.

Deputy Superintendent:

B. J. SHEA, M.B., B.S. (Adel.).

Senior Medical Officer:

Medical Officers:

K. F. EDWARDS, M.B., B.S. (Adel.).

W. G. GASTON, M.B., B.S. (Adel.).

L. C. HOFF, M.B., B.S. (Adel.).

J. D. LITT, M.B., Ch.B. (Edin.).

L. G. MUIRHEAD, M.B., B.S. (Adel.).

I. RITENAS, M.B., B.S. (Adel.).

R. W. SMITH, M.B., B.S. (Adel.).

F. K. WESTON, M.B., B.S. (Adel.).

Hon. Gynaecologist:

O. M. MOULDEN, M.B., B.S. (Adel.), F.R.A.C.S.

Hon. Dermatologist:

H. W. LINN, M.D. (Adel.), D.D.M. (Syd.).

Hon. Ophthalmologist:

A. A. TYE, M.B., B.S. (Melb.), D.O., F.R.A.C.S.

Hon. Surgeon:

R. HUNTER, M.B., B.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

Visiting Neuro-Surgeon:

L. C. E. LINDON, M.B., M.S. (Adel.), F.R.C.S. (Lond.), F.R.C.S. (Edin.).

Visiting Tuberculosis Specialist:

R. C. ANGOVE, M.B., B.S. (Adel.).

Visiting Refractionist:

E. COUPER BLACK, B.A., M.B., B.S. (Adel.).

TUBERCULOSIS SERVICES
Chest Clinic and Frome Ward**Director of Tuberculosis Services:**

P. S. WOODRUFF, M.D., D.T.M. and H. (Melb.), M.R.A.C.P.

Physicians:

A. C. SAVAGE, M.B., B.S. (Adel.).
J. G. SLEEMAN, M.D. (Adel.).

Assistant Physician:

I. M. H. CAMENS, M.B., B.S. (Adel.), M.R.A.C.P

Clinical Assistants:

J. M. GUNSON, M.B., B.S. (Adel.).
J. F. JACKSON, M.B., B.S. (Adel.).

Anaesthetists:

W. D. ACKLAND-HORMAN, M.B., B.S. (Adel.).
J. E. BARKER, M.R.C.S. (Eng.), L.R.C.P. (Lond.).
J. A. FERRIS, M.B., B.S. (Melb.), F.F.A.R.C.S., D.A., (R.C.P. & S.).
M. C. NEWLAND, M.B., B.S. (Adel.), F.F.A., R.A.C.S., D.A.
J. H. STACE, M.B., B.S. (Adel.), D.A. (Melb.).

Medical Officer for Tuberculosis Services:

J. H. BROWN, M.B., B.S. (Adel.).

Medical Superintendent, Morris Hospital:

R. MUNRO FORD, M.D. (Adel.).

Medical Superintendent, Bedford Park Sanatorium:

R. D. CARMAN, M.B., B.S. (Adel.).

Laryngologist:

P. G. JAY, M.B., B.S. (Adel.), D.L.O. (Eng.), F.R.A.C.S.

General Surgeon:

O. W. LEITCH, M.B., M.S. (Adel.), F.R.A.C.S.

Orthopaedic Surgeon:

E. F. WEST, M.B., B.S. (Adel.), F.R.C.S. (Edin.), M.Ch.Orth. (Liv.), F.R.A.C.S;

Surgeon:

H. D. SUTHERLAND, M.B., M.S. (Adel.), F.R.C.S. (Eng.), F.R.A.C.S.

REPRESENTATIVES OF THE UNIVERSITY

On the Council of the Institute of Medical and Veterinary Science:

IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.

On the Medical Board of South Australia:

FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.

On the Advisory Committee of the University Council and of the Royal Adelaide Hospital Board:

IVAN BEDE JOSE, M.B., M.S., F.R.C.S.
JAMES ALEXANDER CRAN, M.D.S.
KENNETH STUART HETZEL, M.D., F.R.C.P.

On the Advisory Committee of the University Council and the Queen Elizabeth Hospital Board:

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PROFESSOR R. P. JEPSON, B.Sc., M.B., Ch.B., F.R.C.S.

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PROFESSOR SIR KERR GRANT, Kt., M.Sc., F.Inst.P.

On the Board for the Education of Children of Deceased Soldiers:

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FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
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On the Fauna and Flora Board:

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On the Dental Board of South Australia:

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On the Ridley Memorial Trust:

JAMES MELVILLE, Ph.D.

On the Union Council:

HENRY BOLTON BASTEN, C.M.G., M.A.
JEAN GILMORE, LL.B.
PROFESSOR P. H. KARMEL, B.A., Ph.D.
PROFESSOR D. O. JORDAN, D.Sc.

On the General Committee of the University Sports Association:

FRANK RAYMOND HONE, B.Sc., M.D., F.R.A.C.P.
PROFESSOR SIR MARK MITCHELL, M.Sc.

On the S.A. Advisory Committee to the National Films Board:

ARNOLD STANLEY McMATH HELY, M.A., B.Com.
PROFESSOR J. A. PRESCOTT, C.B.E., D.Sc., F.R.S.

On the Physiotherapists' Board of South Australia:

MARY KELL FINNIS.

On the National Trust of South Australia:

HENRY BOLTON BASTEN, C.M.G., M.A.

On the South Australian Herbarium Liaison Committee:

DAVID ERIC SYMON, B.Ag.Sc.
HUGH BRYAN SPENCER WOMERSLEY, Ph.D.

BENEFACTIONS BESTOWED BY PRIVATE PERSONS

ENDOWMENTS

- 1872: Sir W. W. Hughes—£20,000 to found chairs in Classics and English Literature.
- 1874: Sir Thomas Elder—£20,000 to found chairs in Mathematics and Natural Science.
- 1875-6: Public Subscriptions—£600 for general purposes.
- 1878: The Hon. J. H. Angas—£4,000 to found a scholarship in Engineering.
- 1879: South Australian Commercial Travellers' Association — £150 to found a scholarship.
- 1880: Public Subscriptions—£500 to found scholarships in English Literature in memory of John Howard Clark.
- 1883: Sir Thomas Elder—£10,000 to found a medical school.
- 1883-1947: Public Subscriptions—£613 for prizes and a scholarship in memory of Mr. Justice Stow.
- 1884: The Hon. J. H. Angas—£6,000 to found a chair in Chemistry.
- 1884-9: Sir Thomas Elder—£1,500
- 1884-9: Private Subscriptions—£1,150 } in support of a chair in Music.
- 1884: Sir Thomas Elder—£1,000
- 1884: Literary Societies' Union—£220 } to found evening classes.
- 1886: Public Subscriptions—£800 } to found a lectureship in Ophthalmic Surgery
- 1916: Public Subscriptions—£325 } in memory of Dr. Chas. Gosse.
- 1888-9: Sir Thomas Elder—£1,000 to enable the Council to establish a full medical curriculum.
- 1890: W. Everard—£1,000 to found a scholarship in Medicine.
- 1890: St. Alban Lodge of Free and Accepted Masons—£150 to found the St. Alban Scholarship.
- 1892-1911: R. Barr Smith—£9,000 for the purchase of books for the University Library (subsequently increased by capitalisation of £106 income).
- 1895: Public Subscriptions—£160 to found a scholarship in memory of the Rev. W. Roby Fletcher.
- 1896: Mrs. Davies Thomas—£400 } to found scholarships in memory of Dr. John
- 1934: Mrs. Davies Thomas—£200 } Davies Thomas.
- 1897: Sir Thomas Elder—£20,000 to endow the school of Medicine.
- 1897: Sir Thomas Elder—£20,000 to endow the school of Music.
- 1897: Sir Thomas Elder—£25,000 for general purposes.
- 1898: Public Subscriptions—£600 to found studentships in memory of John Anderson Hartley.
- 1900: His Excellency Lord Tennyson—£100 to provide medals for English Literature at the public examinations.
- 1900: Trustees of Robert Whinham Fund—£84 to found a prize in Elocution.
- 1902: Public Subscriptions—£473 to found a lectureship in Gynaecology in memory of Dr. Edward Willis Way.
- 1902: Public Subscriptions—£60 to provide a medal for geological work in memory of Professor Ralph Tate.
- 1903: Joseph Fisher—£1,000 to provide the Fisher Medal and the Fisher Lecture in Commerce.
- 1907: G. J. R. Murray, K.C., B.A., LL.B.—£1,000 to found the Tinline Scholarships in History.
- 1907: Miss Julia Stuckey—£500 for the encouragement of the study of Botany.
- 1907-9: Miss E. M. Bunday, Mus. Bac.—£3 for the encouragement of the study of Botany.

- 1908: David Murray—£2,000 to found scholarships.
- 1908: R. Barr Smith—£150 to found a prize in Greek.
- 1908: Private Subscriptions—£115 to found a prize in Latin in memory of Andrew Scott, B.A.
- 1912: Mrs. John Bagot—£500 to found a scholarship and medal in Botany, in memory of John Bagot.
- 1912: Miss E. M. Bunday, Mus. Bac.—£200 to found an annual prize for English verse, in memory of Sir Henry and Lady Bunday.
- 1913: The Creswell Memorial Committee—£1,300 to found scholarships in memory of John Creswell.
- 1914: The Public Schools Decoration and Floral Societies—£255 to found a prize at the Elder Conservatorium in memory of Alexander Clark.
- 1914: Anonymous Donor—£100 to found a prize in medicine in memory of Lord Lister.
- 1914: Peter Waite—Urrbrae Estate, Glen Osmond, comprising 134 acres and mansion house, to advance the cause of education, and more especially to promote the teaching and study of Agriculture and Forestry and allied subjects.
- 1915: Peter Waite—Estate of Claremont and part of Netherby, comprising 165 acres adjoining Urrbrae.
- 1918: Peter Waite—5,880 Shares in Elder, Smith and Co. Ltd., to provide funds to enable the University to utilize for the purposes intended the land given in 1914 and 1915.
- 1915: J. Harvey Finlayson—£200 to found a scholarship in political economy or cognate subject in memory of John Lorenzo Young.
- 1915-21: Subscriptions from his Old Scholars—£1,000 to found a research scholarship in memory of John L. Young.
- 1915: Sir Edwin Smith—£500 to found a scholarship in memory of his grandson, Eric Wilkes Smith.
- 1915: The S.A. Commerical Travellers' Association—£100 to found a bursary in memory of Archibald Mackie.
- 1916-22: Sir S. J. Way—£1,277 for general purposes.
- 1917: Public Subscriptions—£740 to found scholarships in memory of Eugene Alderman.
- 1918: Mrs. A. M. Simpson—£500 to provide a library in aeronautics in memory of her husband, Alfred Muller Simpson.
- 1919: Miss E. M. Bunday, Mus. Bac.—£1,236 to found research scholarships in Botany or Forestry.
- 1920: The family of the late R. Barr Smith—£11,000 to form an endowment for the University library.
- 1920: Private Subscriptions—£7,073 to establish the Animal Products Research Foundation.
- 1920: The North Adelaide Congregational Church—Subscriptions—£50 to provide a medal in memory of the Rev. Dr. Jefferis.
- 1920: The Hon. Sir George Murray, K.C.M.G.—£1,000 for the Building Fund.
- 1920: The family of John Darling—£15,000 for a medical school building in memory of their father.
- 1921: Mrs. G. A. Jury—£12,000 to endow a chair in English Language and Literature.
- 1921: Old Scholars of Tormore House School—£130 to found an annual prize in memory of the School.
- 1922: Mrs. Jane Marks—£30,000 for the better endowment of the medical school and to perpetuate the memory of George Richard Marks and his wife Jane Marks.
- 1922: Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—Property of the estimated value of £20,923 for advancement of medical research (subsequently increased by capitalisation of £10,000 accumulated income).

- 1922: Old scholars of Miss Martin's School—£150 to found annual prizes in memory of Annie Montgomerie Martin.
- 1923: The Adelaide Co-operative Society—£150 to found a bursary in memory of George Thompson.
- 1923: T. E. Barr Smith—£100 to found an annual prize for an essay on the work of the League of Nations.
- 1924: Mrs. Agnes Ayers—£500 for general purposes.
- 1924: Old Scholars of the Methodist Ladies' College—£100 } to provide a library in psychology
to commemorate Miss Sarah Elizabeth Jackson, M.A.
- 1924: Public Subscriptions—£650
- 1924: James Gartrell—£200 to found an annual prize in Comparative Philology.
- 1925: Old Scholars of Unley Park School—£450 to found a bursary in memory of Catherine Maria Thornber.
- 1926: The Hon. Sir Langdon Bonython, K.C.M.G.—£20,000 to endow the chair of Law.
- 1926: The Hon. Sir Josiah Symon, K.C.M.G., K.C.—£9,500 for the Lady Symon Building, the women's portion of the University Union.
- 1926: Sir Joseph Verco, Kt.—£5,000 to establish a fund for the publication of results of research in the medical sciences.
- 1926: J. T. Mortlock—£2,000 to help the Council in equipping the Waite Agricultural Research Institute.
- 1926: Public Subscriptions—£1,076 for the encouragement of orchestral music; the fund was inaugurated by Mr. Percy Grainger in memory of his mother.
- 1926: Executors of the late Mrs. A. M. Simpson and Miss A. F. Keith Sheridan—£452 to establish Keith Sheridan prizes in the medical school.
- 1927: John Melrose—£10,000 for a chemistry laboratory at the Waite Agricultural Research Institute.
- 1927: M. L. Mitchell—£50 for the Barr Smith Library.
- 1927-8: T. E. Barr Smith—£34,718 for the Barr Smith Library Building.
- 1929: The family of John Darling—£10,000 for a laboratory for soils research at the Waite Agricultural Research Institute.
- 1929-54: The Commonwealth Bank of Australia—£14,010 for plant culture houses, an insectary, and a cool house at the Waite Agricultural Research Institute.
- 1930-4: The Hon. Sir Langdon Bonython, K.C.M.G.—£52,329 for a Great Hall.
- 1930-7: Public Subscriptions—£872 for the purposes of the South Australian Orchestra.
- 1930: Public Subscriptions—£317 to found a research scholarship in memory of Professor E. H. Rennie.
- 1931: Public Subscriptions—£67 for the purchase of books to commemorate Kate Helen Weston's connection with the Elder Conservatorium.
- 1932: Ronald Lindsay Johnson—Land in Waymouth Street (estimated value £12,000) for chemistry laboratories.
- 1933: Mrs. E. Macmeikan—£18,872 for the purposes of the Waite Agricultural Research Institute.
- 1933: Fred Johns—£1,500 to found a scholarship in biography.
- 1933: R. W. Bennett—£500 to found prizes in the Faculty of Law.
- 1933: The League of the Empire and the Old Scholars of the Advanced School for Girls—£200 to found a prize in French, in memory of Miss M. Rees George.
- 1934: Hardwicke College Old Collegians—£100 to found a prize in Botany.
- 1935: Public Subscriptions—£170 to found a prize in honour of Professor Archibald Watson.
- 1935-7: Sir Joseph Verco—£2,165 for the medical school and £2,165 for the dental school.
- 1936: Miss M. T. Murray—£53,307 (estimate) for general purposes.
- 1936: The Hon. Sir George Murray, K.C.M.G., surrendered to the University his life interest in Miss Murray's estate and gave £10,000 for a Men's Union Building.
- 1936: Edward Neale—£28,908 (estimate) for medical research.
- 1936: Mrs. R. F. Mortlock and her son, J. T. Mortlock—£25,000 to establish the Ranson Mortlock Trust for research in soil erosion and the regeneration of pastures.

- 1936: Miss Edith Bonython—£5,000
 1936: Norman Darling—£5,000
 1936: Mrs. T. E. Barr Smith—£5,000 } towards the building and equipping of an
 1937: Sir William Mitchell, K.C.M.G.—£20,000 to endow the chair of Bio- }
 chemistry. } Institute of Medical Science.
 1937-55: Sir T. G. Wilson—£2,500 to found a travelling scholarship in
 obstetrics.
 1937: Public Subscriptions—£311 to found a scholarship in honour of Professor
 Sir Robert Chapman.
 1937: Way College Old Boys' Association—£200 to found a prize and medal in
 memory of Way College.
 1939: F. Lucas Benham—£51,380 (estimate) to encourage the study of natural
 history.
 1939: Mrs. R. F. Mortlock—£5,037 for cancer research.
 1939: Mrs. L. E. Bateman—£2,553 for cancer research.
 1940: Sir William Mitchell, K.C.M.G.—£5,000 as an endowment for the purchase
 of books for the Barr Smith Library.
 1940: Mrs. Louisa Gardner—£1,500 to found a scholarship in Surgery in memory
 of Dr. William Gardner; subsequently increased to £2,042.
 1940: S. Russell Booth—£500 to found a prize in memory of Anna Florence
 Booth (increased to £750 in 1957 by the capitalisation of accumulated
 income).
 1941: T. E. Barr Smith—£10,000 as an endowment for the purchase of books for
 the Barr Smith Library.
 1941: Miss Mabel Shorney—£1,000 to found a prize in memory of Dr. H. F.
 Shorney.
 1941: Adelaide University Engineering Society—£100 to found a prize in memory
 of R. A. Lokan.
 1942: Hugh Hughes—£36,005 (estimate) for pastoral research.
 1942: Sir George Murray—£86,767 (estimate) for general purposes.
 1943: The Broken Hill Proprietary Co. Ltd.—£15,000 to endow the Chair in
 Mining and Metallurgy.
 1943: The Broken Hill Proprietary Co. Ltd.—£5,000
 The Hon. E. W. Holden, M.L.C.—£5,000
 General Motors-Holden's Ltd.—£5,000
 The Adelaide Electric Supply Co. Ltd.—£5,000 } for Chairs in Mechanical
 Richards Industries Ltd.—£2,000 } and Electrical Engineer-
 British Tube Mills (Aust.) Pty. Ltd.—£2,000 }
 Kelvinator Australia Ltd.—£1,000 }
 1943: Mr. and Mrs. S. H. Skipper—£150 to found a prize in memory of their
 son, Capt. J. W. Skipper.
 1943: Jake Grinberg—£100 for cancer research.
 1944: Miss Sarah Barrans—£3,000 to found a scholarship for research in geo-
 logical or metallurgical science, in memory of James Barrans.
 1944: Past Pupils of Knightsbridge School—£500 to found a prize in memory of
 Mrs. Edith Hubbe and Miss Harriet Cook.
 1944: John Jenkins—£5,000 to found scholarships, preferably in the agricultural,
 domestic and social sciences (increased to £6,975 in 1958 by the
 capitalisation of accumulated income).
 1946: The Hon. Sir Herbert Angas Parsons—£900 for such purpose as the
 Council should decide.
 1946: E. F. Hern—£990 for cancer research.
 1946: Mr. W. H. Bagot—£500 to found a prize in memory of his mother.
 1947: The Broken Hill Proprietary Co. Ltd.—£10,000 } subsequently increased by
 Broken Hill South Ltd.—£10,000 } capitalisation of £2,195
 North Broken Hill Ltd.—£17,500 } income; to found a chair
 Zinc Corporation Ltd.—£10,000 } in Economic and Mining
 New Broken Hill Consolidated Ltd.—£2,500 } Geology.
 1947: J. Varley—£1,000 to found a scholarship for Viola at the Elder Conser-
 vatorium.
 1947: The sisters of the late Selborne Moutray Russell—£1,000 to found two
 scholarships at the Elder Conservatorium.

- 1947: Public Subscriptions—£256 to found a prize and library in French in memory of Violet de Mole; and in 1952 £200 from Miss A. E. de Mole and Miss M. I. de Mole for supplementing the foregoing fund.
- 1947: Rev. R. B. Cornish—£250 to found a prize in Botany in memory of Elsie Marion Cornish.
- 1948: Mrs. Julie Sack—£733 to found scholarships at the Elder Conservatorium in memory of Franz and Catherine Anders and of Gustav Reimers (increased in 1954 by capitalisation of £27 accumulated income).
- 1948: The Misses Ruth and Alfreda Bedford—£500 on behalf of their sister, Sylvia Bedford, to found a scholarship in memory of Sir Archibald Strong.
- 1948: F. W. H. Wheadon—£4,250 for the University Observatory.
- 1949: Clarice V. Crocombe—£3721 for the purposes of the Anti-Cancer Committee.
- 1949: Robert T. Melrose—£2,291 for the purposes of the Anti-Cancer Committee.
- 1949: Public Subscriptions—£500 to found a scholarship for Organ in memory of Professor E. Harold Davies.
- 1949: Miss Gladys Lloyd Thomas—£500 to found a scholarship for Violin.
- 1949: Private Subscriptions—£130 to found a prize in honour of Professor J. B. Cleland.
- 1950: From the estate of the late W. H. Sandland—£17,225 for the purposes of the Waite Agricultural Research Institute.
- 1950: Mrs. F. M. Pontt—£200 to found a prize for Private International Law in memory of her father, Thomas Gepp.
- 1950: W. D. Grigg—£18,304 for the purposes of the Waite Agricultural Research Institute.
- 1950: J. T. Mortlock—the income from "The John Mortlock Medical Bequest" of £20,000 for the purposes of scientific research in the Medical School.
- 1951: Mr. R. C. Baker—£4,245 to found a scholarship in Law in memory of his father, Sir Richard Chaffey Baker, and his brother, Mr. J. R. Baker.
- 1951: Mrs. Guli Magarey—£1,000 to support two scholarships in Singing.
- 1951: A. J. N. S. Campbell—£500 to found a prize in Biochemistry in memory of Christopher and John Campbell.
- 1951: Miss Amylis I. Laffer—£400 to found a prize in History in memory of Natalia Davies.
- 1951: Dr. F. S. Hone—£100 to found a prize in Public Health and Preventive Medicine in memory of Thomas L. Borthwick.
- 1951: Mrs. Jessie Francis Raven—£2,450 to establish series of lectures in Philosophy in memory of her father, Gavin David Young.
- 1951: Constance Fraser—Income from Estate to establish the George Fraser Scholarship.
- 1952: £2,845 from Mrs. H. L. Heuzenroeder for the purposes of the Anti-Cancer Committee.
- 1952: Public Subscriptions—£600 to found the Frederick Bevan Scholarship for singing.
- 1952: Miss E. I. Lines—£500 to found the Eva Lines Memorial Scholarship for Piano.
- 1952: Mrs. G. Culross—£250 to found the William Culross Prize for scientific research.
- 1952: £200 from Mr. F. P. Shaughnessy to establish a fund for the purchase of magazines for the Union Library as a memorial to the late John Shaughnessy.
- 1953-58: Mrs. G. Hastings—£50,000 to establish the Gwendolyn Michell Foundation for medical research; and £100,000 further to promote medical research.
- 1953: Public subscriptions—£603 to establish the Robin Memorial Lecture.
- 1953: T. E. Barr Smith, jun.—£13,875 to establish the Barr Smith Travelling Scholarship in Agricultural Science.
- 1953: Mrs. E. C. Hoare—£5,768 for the purposes of the Anti-Cancer Committee.
- 1953: W. Donnithorne—£2,887 to provide help for students in the Faculties of Law and Medicine.

- 1953: Miss E. A. Davey—£916 for research in diseases of the human body.
 1953: Miss Lily Waite—£10,000 to support the work of the Waite Agricultural Research Institute.
 1954: Repatriation Fund (Baillieu Gift) Act, 1937—£4,839 to found the Baillieu Research Scholarships.
 1954: Emma Jeffress—£6,000 for the purposes of the Anti-Cancer Committee.
 1954: Friends of Miss Maude Puddy—£500 to found the Maude Puddy Scholarship in Pianoforte.
 1954: Friends of the late D. B. Adam—£300 to found the D. B. Adam Prize in Plant Pathology.
 1954: Mrs. A. L. C. Shorney—£1,000 to endow the Herbert Shorney Memorial Library.
 1955: Rutter Jewell-Thomas—£500 to found a medal and prize in Metallurgical and Chemical Engineering (subsequently increased to £700).
 1955: Eleanor Kate Barker—£3,000 to found the John Barker Scholarship for Medical Research.
 1955: Dr. Ruby C. Davy—£300 to found a prize for the composition of music, and £839 for the general support of music in the University.
 1955: Mrs. Margaret August—£1,836 for research into cancer.
 1956: Ruby Chambers—£488 for research into cancer.
 1956: Australian Dental Association (S.A. Branch)—£133 to found a prize in memory of T. D. Hannon.
 1956: Nathan Netter—£530 to augment the Gwendolyn Michell Foundation.
 1956: The Athol Lykke Memorial Committee—£1,860 to establish the Athol Lykke Award for postgraduate studies in music.
 1957: Sewell Myers—£20,000 to establish the Sewell Myers Bequest for research in leukemia.
 1957: Sydney Norman—£700 to augment the Gwendolyn Michell Foundation.
 1957: Mrs. Leonore Ohlstrom—£300 to establish two prizes in German.
 1957: Friends of the late Professor J. R. Wilton—£100 to establish the J. R. Wilton Prize in Mathematics.
 1957: St. Mark's College Club—£110 to establish the Archibald Grenfell Price Prize in Geography.
 1957: Private Subscriptions—£100 to establish the Charles Fenner Prize in Geography.
 1958: F. Kenneth Milne—£5,000 to found "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".
 1958: Mrs. A. M. Beddome—£130 to establish a prize in English in memory of her father, D. J. Byard.
 1958: H. C. Lienau—£250 to provide a scholarship for the tenor voice at the Elder Conservatorium.

GIFTS (£200 or more)

- 1879-82: The Right Hon. Sir S. J. Way, Bart.—£500 for University buildings.
 1882-96: Sir Thomas Elder—£260 for prizes in Physiology.
 1903-7: R. Barr Smith—£1,000 for the purchase of apparatus.
 1907-12: Anonymous Donor—£1,500 for the purposes of the law school.
 1909-55: The British Medical Association (S.A. Branch)—£6,197 for the purchase of books.
 1911: Anonymous Donor—£500 for the Lowrie scholarships in agriculture.
 1913-25: G. Brookman—£20 p.a. for a scholarship in the Elder Conservatorium.
 1925: The Superphosphate Association of S.A.—£250 for equipment for the Waite Agricultural Research Institute.
 1928: W. J. Young—£1,000 for the erection of the fence on Victoria Drive.
 1928-35: Imperial Chemical Industries Ltd.—£4,466 13s. 4d. for experiments in the use of nitrogenous fertilizers.
 1936-7: Nitrogen Fertilizers Ltd.—£1,000 for experiments in the use of nitrogenous fertilizers.
 1938-47: Imperial Chemical Industries Ltd.—£2,000 for experiments in the use of seed dressings.
 1929: The Misses L. and E. Waite—£250 for improving the escarpment in the University grounds.
 1931: The Hon. Sir George Murray, K.C.M.G.—£2,000 for the general purposes of the University.

- 1932-6: Advertiser Newspapers Limited—£200 for anthropological research.
- 1933-5: Pharmaceutical Society of South Australia Inc.—£300 towards the cost of the Johnson Chemistry Laboratories and £583 13s. for equipment.
- 1934-36: The Carnegie Corporation of New York—£3,313 10s. for work in mineral deficiencies of soils.
- 1937: The Misses L. and E. Waite—£2,000 for the University bridge.
- 1937: Sir William Mitchell, K.C.M.G.—£800 for the expenses of the Universities' Conference.
- 1937-56: Professor Sir Mark Mitchell—£10,385 towards the cost of equipment and expenses in the Biochemistry Department.
- 1937-44: The Australian Wool Board—£8,600 } to assist investigations into
James Waite—£400 } soil erosion and pasture re-
Mrs. R. F. Mortlock—£100 } generation.
J. T. Mortlock—£1,500 }
- 1940-41: Sir T. G. Wilson—£1,500 towards the salary of a Director in Obstetrics.
- 1939-41: The Carnegie Corporation of New York—£5,967 3s. 4d. for the purchase of books.
- 1940-41: The Carnegie Corporation of New York—£1,656 towards the salaries of foreign scholars.
- 1941: J. T. Mortlock—£1,000 to provide a residence at Yudnapinna.
- 1943-48: Imperial Chemical Industries Ltd.—£1,312 for investigations into sulphad drugs.
- 1945: Mrs. Phoebe Ferris—£250 for research into tuberculosis.
- 1947: Anonymous Donor—£200 for research into tuberculosis.
- 1948: The Broken Hill Proprietary Co. Ltd.—£5,000 towards equipping the Department of Mining and Metallurgy.
- 1948: Australian Red Cross Society—£278 for the training of social workers.
- 1948: Crippled Children's Association of S.A.—£200 for an investigation into poliomyelitis.
- 1948: Mr. J. T. Mortlock—£2,000 for investigations into pasture regeneration.
- 1949: Electrolytic Zinc Co. of A/sia Ltd.—£5,000 }
North Broken Hill Ltd.—£4,000 } For the purchase of equip-
Broken Hill South Ltd.—£4,000 } ment for the Department of
Zinc Corporation Ltd.—£4,000 } Mining, Metallurgical and
Imperial Chemical Industries Ltd.—£1,000 } Chemical Engineering.
- 1950: J. T. Mortlock: £1,000 a year for 15 years under his will, for the purposes of the Waite Agricultural Research Institute.
- 1950: Power Plant Ltd.—£400 } For equipment for the Department of Mining,
M. Moore—£200 } Metallurgical and Chemical Engineering.
- 1950: Imperial Chemical Industries of Australia and New Zealand Ltd.—£500 for a Research Scholarship tenable at the Waite Agricultural Research Institute.
- 1951: £2,380 from an anonymous donor for the provision of the Staff Club in the University.
- 1951: Aberfoyle Tin N.L.—£250 for equipment for the Department of Mining, Metallurgical and Chemical Engineering.
- 1951: The Viking Fund of New York—\$1,500 towards the cost of an anthropological expedition.
- 1952: An anonymous donor—£15,000 for the development of Clinical Medicine.
- 1952: Mrs. J. T. Mortlock—£10,000 to support the John Mortlock Research Station at Yudnapinna.
- 1952: £1,212 from the South Australian Members of the Institute of Chartered Accountants in Australia, £880 from the Members of the Adelaide Chamber of Commerce (Inc.), £125 from the Commonwealth Institute of Accountants, and £125 from the Federal Institute of Accountants, to support the establishment of a Readership in Commercial Studies.
- 1952: George Aitken Pastoral Research Trust—£1,000 for research into Onion weed.
- 1953-6 Various donors—£2,762 for research into concrete.
- 1954: Motors Limited and Kingsway Limited—£2,000 to furnish and equip the Napier Birks Room for Economics, Commerce and Statistics.
- 1954: Anonymous donors—£2,500 for equipment in the Department of Geology.
- 1955: Social Science Research Council—£250 for Anthropological Research by Mr. T. G. H. Strehlow.

- 1955: Commonwealth Bank Rural Credits Development Fund—£7,503 for capital expenditure associated with the Animal Ecology Unit.
- 1955: The Rockefeller Foundation—£6,705 for the purchase of an Infra-red Spectrometer for the Department of Organic Chemistry.
- 1955: The Nuffield Foundation—£6,500 for the purchase of an Electrophoresis Diffusion apparatus for the Department of Physical Chemistry.
- 1955-8: Monsanto Chemicals—£1,600 for each of the Departments of Physical Chemistry and Organic Chemistry.
- 1955: Stock Exchange of Adelaide—£530 for Scholarships in Geology.
- 1955: Nickel Mines of Australia, N.L.—8,000 fully paid 5/- shares.
- 1955: James Waite—£1,000 for the purposes of the Waite Agricultural Research Institute.
- 1956: Broken Hill Mine Managers' Association—£1,500 for investigations into wire ropes.
- 1956: The Viking Fund of New York—\$2,000 for Anthropological Research.
- 1956: I.C.I.A.N.Z. Ltd.—£1,000 towards the cost of a new insectary at the Waite Agricultural Research Institute.
- 1956: Bread and Cheese Club—£387 to support anthropological research by Mr. C. P. Mountford.
- 1956: The Bonython Family—£2,350 for an electronic organ, for the Bonython Hall.
- 1956: K. A. Wills—a portrait of Sir Douglas Mawson by Ivor Hele.
- 1956: Clarence River Basin Oil Exploration Company—£300 for furniture and equipment in the Department of Economic Geology.
- 1957: Miss E. M. Symon—£1,000 for research work amongst aboriginal women.
- 1957: Miss Eva Waite—Gift of family silver to the Waite Institute.
- 1957: Mr. T. G. and Miss M. E. Seymour—£200 each for research in Physiology.
- 1957: The Rockefeller Foundation—About £12,350 to support a research project in the Department of Physical and Inorganic Chemistry over a period of three years.
- 1957: Professor Sir Mark Mitchell—£1,000 towards the cost of furnishing the new Council Room.
- 1957: Anonymous—£2,000 for various purposes.
- 1957: Mr. H. W. McGregor } —£300 for furnishings in Elder Conservatorium.
Scots Church }
- 1958: The Rockefeller Foundation—About £10,000 over two years towards the cost of an electron microscope.
- 1958: An anonymous benefactor—£15,000 for the Medical School.

GIFTS AND BEQUESTS TO THE UNIVERSITY LIBRARY.

- (1) Public Library of South Australia: the medical portion of the Public Library.
- (2) William Barlow, C.M.G., LL.D.: a collection of 450 Law Books.
- (3) The Rt. Hon. Sir S. J. Way, Bart.: a library of over 15,000 volumes; and bronze statuettes and silverware.
- (4) The Hon. Sir Josiah Symon, K.C.M.G., K.C.: a valuable collection of the earlier Law Reports and other legal books.
- (5) Sir Joseph Verco, Kt.: books for the Medical Library.
- (6) W. Ramsay Smith, D.Sc.: a collection of books and periodicals numbering 2,165 volumes.
- (7) R. J. M. Clucas, B.A.: 1,300 books selected from his library.
- (8) Aylmer Strong: the library of his brother, Professor Sir Archibald Strong.
- (9) The French Government: 470 volumes selected by the Lecturer in French.
- (10) Sir Douglas Mawson: 19 volumes of Drygalski's records of his South Pole Expedition.
- (11) F. Lucas Benham, M.D.: a collection of about 1,000 books.
- (12) R. S. Rogers, M.A., M.D., D.Sc.: about 800 books on botany, chiefly on orchids.
- (13) Canon T. H. Frewin: a collection of more than 300 classical coins.
- (14) Lord Norman: a copy of the transcript of the argument before the Privy Council in the Banking Case.
- (15) Mrs. E. V. Steele: a valuable collection of about 1,100 volumes of English fiction.
- (16) Miss Gladys Johnson: a facsimile reproduction of the Holkham Picture Bible.
- (17) Professor D. Nichol Smith: about 200 books.
- (18) Carnegie Corporation of New York: a collection of about 350 books designed to portray contemporary American civilization.
- (19) Several benefactors: an offset reproduction of the fourteenth century Codex Manesse, a collection of German "Minnesongs".

GIFTS OF £200 OR MORE FOR THE STUDENTS' UNION BUILDINGS
AND WAR MEMORIAL (1927-1936)

Men's Union Building: Sir George Murray, £10,000.

Lady Symon Building for the Women's Union: Sir Josiah Symon, £9,500.

	£	s.	d.		£	s.	d.
The Chancellor (Sir George Murray)	1,000	0	0	Sir Joseph Verco	500	0	0
The Vice-Chancellor (Sir William Mitchell)	1,000	0	0	J. R. Fowler	250	0	0
John Barker	1,000	0	0	E. W. Holden	200	0	0
Hon. Sir Langdon				J. T. Mortlock	200	0	0
Bonython	1,000	0	0	Mr. and Mrs. Dudley Turner	200	0	0
T. E. Barr Smith	1,000	0	0	Sir Walter Young	200	0	0
C. H. Angas	500	0	0	Other Donations	25,367	14	5
Mrs. T. O'Halloran Giles	500	0	0				
M. L. Mitchell	500	0	0	Total Donations	£33,615	14	5

GIFTS OF £200 OR MORE, 1955-58

General Motors- Holden's Ltd. - -	£12,000	0	0	H. V. McKay Charit- able Trust - - -	1,000	0	0
Adelaide University Union Council -	6,000	0	0	The Federal Viticul- tural Council -	1,000	0	0
Broken Hill Pty. Ltd. Advertiser News- papers Ltd. - -	5,000	0	0	Ford Motor Co. of Australia - - -	1,000	0	0
Mrs. J. Alwyn Mudge Elder, Smith & Co. Ltd. - - -	5,000	0	0	National Bank of Australasia Ltd. -	1,000	0	0
The Broken Hill As- sociated Smelters Pty. Ltd. - - -	5,000	0	0	Electrolytic Zinc Co. of Australasia Ltd.	1,000	0	0
The United Licensed Victuallers' Asso- ciation - - -	3,000	0	0	Bank of Adelaide -	1,000	0	0
S.A. Associated Brewers - - -	2,500	0	0	Thos. G. Seymour and M. E. Sey- mour - - -	600	0	0
Imperial Chemical Industries of Aus- tralia and New Zealand Ltd. - -	2,500	0	0	Mr. and Mrs. Sidney Reid - - -	500	0	0
Mrs. George Tarlton Wills - - -	2,000	0	0	Mr. and Mrs. Harold McGregor - - -	500	0	0
Members of the Staff of the University of Adelaide - -	2,000	0	0	Simpson Distributors Limited - - -	500	0	0
Mr. K. A. Wills - -	1,860	0	0	G. & R. Wills & Co. and George Wills and Co. Ltd. - -	500	0	0
Australia and New Zealand Bank Ltd.	1,105	0	0	Bank of New South Wales - - -	500	0	0
The Shell Co. of Australia Ltd. -	1,100	0	0	Adelaide Motors Ltd.	500	0	0
Sir Claude Gibb -	1,000	0	0	C. A. Parsons & Co. Ltd. - - -	500	0	0
Vacuum Oil Co. Pty. Ltd. - - -	1,000	0	0	Commonwealth Oil Refineries Ltd. -	500	0	0
Commonwealth Bank of Australia - -	1,000	0	0	Mr. and Mrs. Ed- ward Lumley -	500	0	0
S. Kidman & Co. Ltd. - - -	1,000	0	0	Davies Coop (South Australia) Ltd. -	500	0	0
British Tube Mills (Australia) Pty. Ltd. - - -	1,000	0	0	Humes Ltd. - -	500	0	0
Chrysler Australia Ltd. - - -	1,000	0	0	Mrs. Margery Hamil- ton - - -	500	0	0
				The Colonial Sugar Refining Co. Ltd.	500	0	0
				Woods, Bagot, Lay- bourne-Smith and Irwin - - -	500	0	0
				Tom E. Barr Smith	500	0	0

The English, Scottish and Australian Bank Ltd. - - -	500	0	0	D.H.A. (South Australia) Ltd. - -	250	0	0
F. H. Faulding and Co. Ltd. - - -	500	0	0	The Commercial Banking Co. of Sydney Ltd. - -	250	0	0
Anna Menz Memorial Fund - - - -	500	0	0	Balm Paints Pty. Ltd. - -	250	0	0
Lady Parsons - -	350	0	0	Caltex Oil (Australia) Pty. Ltd. - -	250	0	0
Norman Darling -	300	0	0	News Ltd. - - -	210	0	0
Stewarts & Lloyds (Australia) Pty. Ltd. - - - -	300	0	0	Mr. A. P. Rowe - -	200	0	0
Adelaide Steamship Co. Ltd. - - -	250	0	0	K. and D. Turner -	200	0	0
Sir Frank Perry - -	250	0	0	The Metal Industries Association of Australia - - -	200	0	0
Myer Emporium (S.A.) Ltd. - -	250	0	0	Misses Gertrude and Grace Darling -	200	0	0
Mr. Eric G. Bonythson - - - -	250	0	0	The Beltana Pastoral Co. Ltd. - - -	200	0	0
The Commercial Bank of Australia Ltd. - - - -	250	0	0	The Mutooroo Pastoral Co. Ltd. -	200	0	0
Commonwealth Steel Co. Ltd. - - -	250	0	0	Carr Fastener Co. of Australia Ltd. -	200	0	0
Goldsbrough, Mort and Co. Ltd. -	250	0	0	Perry Engineering Co. Ltd. - - -	200	0	0
Kodak (Australasia) Pty. Ltd. - - -	250	0	0	Bennett & Fisher Ltd. - - - -	200	0	0
McPherson's Ltd. -	250	0	0	Australian Paper Manufacturers Ltd. -	200	0	0
Dalgety & Co. Ltd. -	250	0	0	Adelaide University Graduates' Union -	200	0	0
Metal Manufacturers Ltd. - - - -	250	0	0	Neptune Oil Co. Pty. Ltd. - - - -	200	0	0
Pharmaceutical Society of South Australia, Incorporated - - -	250	0	0	Matthew G. Wills -	200	0	0
Adelaide Development Co. Ltd. -	250	0	0	Mrs. Kenneth Wills -	200	0	0
Philips Electrical Industries Pty. Ltd. -	250	0	0	Goode Durrant and Murray Ltd. - -	200	0	0
Mrs. John Henry Wills - - - -	250	0	0	Miss Lucy Barbara Wills - - - -	200	0	0
					92,310	0	0
				Other Gifts totalling	17,985	13	1
				As at 31/12/58	-£ 103,760	13	1

TO THE ANTI-CANCER CAMPAIGN

Gifts in 1930 - -	£ 6,000	0	0	Proceeds of the Lord Mayor's Appeal for Cancer in 1950	£ 102,794	0	0
Gifts in 1939 - -	£ 3,350	0	0	Gifts in 1951-7	£ 2,434	0	0
Gifts in 1948 - -	£ 221	0	0				
Gifts in 1949 - -	£ 1,458	0	0				

TO SUPPORT THE ESTABLISHMENT OF A UNIVERSITY SCHOOL OF ARCHITECTURE, 1955-8

Woods, Bagot, Laybourne-Smith and Irwin - - - -	1,250	0	0	Wilckens and Burnside Ltd. - - - -	500	0	0
Architects Board of S.A. -	1,250	0	0	Clarkson Ltd. - - -	500	0	0
F. Kenneth Milne, Dawkins, Boehm and Ellis - - - -	1,000	0	0	South Australian Brewing Co. Ltd. - - -	500	0	0
Hassell and McConnell -	1,000	0	0	Mosaic Flooring Ltd. -	500	0	0
Harris, Scarfe and Co. Ltd. - - - -	1,000	0	0	R. P. Brimblecombe and Sons - - - -	500	0	0
Dean W. Berry and Gilbert and Barker - -	600	0	0	A. W. Boulderstone Ltd. -	500	0	0
S.A. Institute of Architects - - - -	500	0	0	Emmett Constructors Ltd. - - - -	500	0	0
				Stephenson and Turner	500	0	0
				Walkley and Welbourn	375	0	0

Lawson, Cheesman, Doley and Partners -	300	0	0	Glover and Pointer - -	100	0	0
S. J. Weir Ltd. - - -	250	0	0	Peak Construction Ltd.	100	0	0
Hansen and Yunken Pty. Ltd. - - - -	250	0	0	McMichael and Harris	100	0	0
Asbestolite Pty. Ltd. -	250	0	0	Garlick, Jackman and Gooden - - - -	100	0	0
S.A. Associated Brewers	250	0	0	Brown and Davies - -	100	0	0
Colton, Palmer and Preston Ltd. - - -	250	0	0	Advertiser Newspapers Ltd. - - - -	100	0	0
North Broken Hill Ltd., Broken Hill South Ltd., Zinc Corporation Ltd., New Broken Hill Consolidated Ltd. -	250	0	0	Australian Glass Manu- facturers - - - -	100	0	0
Commonwealth Bank -	250	0	0	McPhersons Ltd. - -	100	0	0
Elder, Smith and Co. Ltd. - - - -	250	0	0	Broken Hill Associated Smelters - - - -	100	0	0
F. Fricker Ltd. - - -	250	0	0	General Motors-Hol- den's Ltd. - - - -	100	0	0
Stewarts and Lloyds Ltd. - - - -	250	0	0	S.A. Portland Cement -	100	0	0
Perry Engineering Co.	200	0	0	Australian Master Builders - - - -	100	0	0
Colonial Sugar Refining Co. - - - -	200	0	0	S.A. Timber Merchants Association - - -	100	0	0
R. J. Nurse Ltd. - -	200	0	0	Fricker Bros. Ltd. - -	100	0	0
Evans, Bruer, Philpot and Partners - - -	200	0	0	Aust. and N.Z. Bank Ltd.	100	0	0
Forwood Down and Co	150	0	0	Bank of Adelaide - -	100	0	0
Forwood Johns and Waygood - - - -	150	0	0	Balm Paints Ltd. - -	100	0	0
LeMessurier Timber Products - - - -	150	0	0	Broken Hill Pty. Co. Ltd.	100	0	0
Wunderlich Ltd. - -	150	0	0	Cyclone Ltd. - - -	100	0	0
Thompson and Harvey	130	0	0	National Bank Ltd. -	100	0	0
M. C. Wood Ltd. - -	125	0	0	Russell and Yelland -	100	0	0
J. S. Hall - - - -	125	0	0	L. G. Abbott and Co. Ltd. - - - -	100	0	0
W. H. Bagot - - -	125	0	0				
W. B. C. Rutt - - -	105	0	0				
					17,985	0	0
				Other donations of vary- ing amounts under £100 - - - -	£2,367	7	0
				Total	£20,352	7	0

DONATIONS TOWARDS THE ESTABLISHMENT OF A CHAIR OF MICROBIOLOGY, 1958

Advertiser Newspapers Ltd. - - - -	£1,250	0	0	A. J. and P. A. McBride Ltd. - - - -	100	0	0
South Australian Asso- ciated Brewers - -	1,000	0	0	Elder, Smith and Co. Ltd. - - - -	100	0	0
Goldsbrough, Mort and Co. Ltd. - - - -	250	0	0	Imperial Chemical In- dustries of Australia and New Zealand -	100	0	0
F. H. Faulding and Co. Ltd. - - - -	250	0	0	Adelaide Chemical and Fertilizer Co. Ltd. -	100	0	0
Coca-Cola Bottlers (Adelaide) Ltd. - -	200	0	0	H. B. Selby and Co. Pty. Ltd. - - - -	100	0	0
Mauri Bros. and Thom- son (S.A.) Pty. Ltd.	200	0	0	Milne and Co. Pty. Ltd.	100	0	0
Winemakers' Association of S.A. Inc. - - -	105	0	0	Dalgety and Co. Ltd. -	100	0	0
S. Kidman and Co. Ltd.	100	0	0	Other gifts, totalling -	115	8	0
Bennett and Fisher Ltd.	100	0	0	Total donations as at 31/12/58 - - -	£4,270	8	0

JOINT COLLEGES' APPEAL

In January, 1959, the four University Colleges launched, in collaboration with the University, an appeal to the public for funds to enable them to extend their buildings and facilities.

At 28th February, 1959, the Joint Appeal stood at approximately £28,000.

Detailed lists of donations to the Appeal will be included in the Calendar for 1960.

PAST AND PRESENT GRADUATES

His Royal Highness George Frederick Ernest Albert, Duke of Cornwall and York (His late Majesty King George V.), LL.D. (Cambridge, 1894) -	1901
His Royal Highness Edward Albert Christian George Andrew Patrick David, Prince of Wales (afterwards His Majesty King Edward VIII.), LL.D. (D.C.L. Oxford, 1919) -	1920
His Royal Highness Albert Frederick Arthur George, Duke of York (His late Majesty King George VI.), LL.D. (Cambridge, 1922) -	1927
His Royal Highness Henry William Frederick Albert, Duke of Gloucester, LL.D., (Cambridge, 1934) -	1935

This list was revised in 1931, in 1941, and in 1951 by the omission of deceased graduates: it will be similarly revised in 1961. For former lists see Calendars for 1930, 1940 and 1950.

† Abbie, Alison Ruth, LL.B. - - - -	1958	Allen, Henry Joshua, M.A. - - - -	1929
Abbie, Andrew Arthur, D.Sc. (Sydney, 1941) - - - -	1945	Allen, James Lawrence, B.A. - - - -	1935
Abbott, Clifford Alexander, B.Sc. - - - -	1952	Allen, John Bernard, B.A. - - - -	1942
Abbott, Charles Anthony Lempriere, LL.B. - - - -	1947	Allen, John Howard, B.Sc. - - - -	1916
Abbott, Charles Arthur Hillas Lempriere, B.A. - - - -	1911	Allen, Kevin Reginald, B.D.S. - - - -	1952
Abbott, Derek Athol Lempriere, LL.B. - - - -	1914	Allen, Leonard Nicholls, M.A. - - - -	1933
Abbott, Geoffrey Joseph, B.E. - - - -	1921	Allen, Lois Waveney, B.A. - - - -	1913
Abbott, Howard Lockyer, B.A. - - - -	1952	Allen (nee Mann), Margaret Noble, B.A. - - - -	1927
Abbott, Leonard Mackay, B.E. (Interim B.Sc. (Eng.) 1942 surrendered) - - - -	1943	Allen, Maxwell George, B.Sc. - - - -	1949
Abbott, Nigel Basil Gresley, M.B., B.S. - - - -	1916	Allen, Murray William, B.E. - - - -	1950
Abbott, Nigel Drury Gresley, M.B., B.S. - - - -	1944	Allen, Roy, M.B., B.S. - - - -	1951
† Abele, Charles, B.Sc. - - - -	1957	Allen, Shirley Hope, B.Sc. - - - -	1943
Abotomey, Olive Wanda, B.A. - - - -	1930	Allen, Thomas Howard, M.B., B.S. - - - -	1953
* Adam, David Bonar, B.Ag.Sc. (Melbourne, 1922) - - - -	1939	Allen, William Douglas, B.Sc. - - - -	1934
Adam, Elizabeth Anderson, B.A. - - - -	1949	Allert, Margaret Elizabeth, B.A. - - - -	1950
Adams, Arthur John Sorby, B.Sc. - - - -	1926	Allison, John Kenneth, B.A. - - - -	1939
Adams, Colin Francis, B.E. - - - -	1934	Alm, Walter Otto, B.E. (Interim B.Sc. (Eng.) 1944 surrendered) - - - -	1947
Adams, Dorothy Sorby, M.B., B.S. - - - -	1922	Almond, William Wesley, B.Sc. (Eng.) - - - -	1945
Adams, Edward James Stanley, B.E. - - - -	1941	† Alpers, Michael Philip, B.Sc. - - - -	1956
* Adams, Frederick Penoyre, LL.B. - - - -	1923	Altmann, Arthur Richard, B.E. - - - -	1920
† Adams, Graeme Sorby, M.B., B.S. - - - -	1956	Altmann, Herbert Franz, M.B., B.S. - - - -	1922
Adams, John Clifford, B.Ec. - - - -	1955	Altman, Olive Stella, B.A. - - - -	1948
Adams, John Clyde, B.E. - - - -	1941	† Alwyn, John Edward Stacey, M.B., B.S. - - - -	1958
Adams, Reginald Keith Sorby, M.A. - - - -	1926	Ambastha, Harendra Narayan Sinha, M.Ag.Sc. - - - -	1954
Addison, Stanley Simpson, B.Sc. - - - -	1908	Ambrose, Betty Rosslyn, M.B., B.S. - - - -	1936
Adey, Colin Richard, B.Sc. (Eng.) - - - -	1942	Ambrose, John Rosslyn, M.B., B.S. - - - -	1943
Adey, William Ross, M.D. (M.B., B.S., 1943) - - - -	1949	* Ames, Peter Geoffrey, B.Sc. - - - -	1953
Adlam, Kenneth Charles, B.E. - - - -	1952	† Amey, Douglas John, B.E. - - - -	1956
† Adlam, Robert Delbridge, B.A. - - - -	1957	Amey, Lloyd Ronald, B.Ec. - - - -	1951
Ahern, Kevin Barry, LL.B. - - - -	1951	Amos, George Lewis, M.Sc. - - - -	1939
Ahrens, Elsie Gladys, B.A. - - - -	1955	† Ancell, Brian Edward John, M.B., B.S. - - - -	1957
Aistrop, Stanley Thomas, B.A. - - - -	1954	† Andary, Dean, B.D.S. - - - -	1956
Aitchison, Erica Nancy, B.A. - - - -	1931	Anders, Douglas John, B.Sc. - - - -	1936
Aitchison, Gordon Douglas, M.E. - - - -	1952	Anders, Ralph Charles, B.E. - - - -	1934
Aitchison, Gordon James, Ph.D. (M.Sc., 1945) - - - -	1957	Andersen, Kerstin Lillemor, B.A. - - - -	1934
Aitchison, Gordon John, B.E. - - - -	1927	Anderson, Adrian Akhurst, B.E. - - - -	1925
Aitken, Gilbert William Elliot, M.B., B.S. - - - -	1943	Anderson, Alan Bruce, B.Sc. - - - -	1922
* Akhurst, Adrian, LL.B. - - - -	1908	Anderson, Albert Raymond, M.B., B.S. - - - -	1951
Alcock, Dudley Horace, B.A. - - - -	1943	Anderson, Alex Gordon, B.Sc. - - - -	1953
Alderman, Arthur Richard, D.Sc. - - - -	1943	Anderson, Alison Margaret, B.A. - - - -	1937
Alderman, Colin Graham, M.B., B.S. - - - -	1943	Anderson, Aubrey James Clifton, B.A. - - - -	1947
Aldersey, Algernon Lumley Haydon, B.Sc. - - - -	1950	Anderson, Claude Leonard, M.B., B.S. - - - -	1933
Aldersey, Richard Baker, B.Sc. - - - -	1923	Anderson, Colin Charles, B.Sc. (Eng.) - - - -	1944
Alexander, Donald John, B.E. - - - -	1951	Anderson, Donald Robert Ross, M.B., B.S. - - - -	1947
Alexander, Rosemary Margery Blanche, LL.B. - - - -	1935	Anderson, Dorothy Kathleen Ross, M.B., B.S. - - - -	1942
Alexander, William Colin, B.E. - - - -	1928	Anderson, Douglas Bruce, B.E. - - - -	1952
Alexandrovicius, Vera, B.D.S. - - - -	1954	Anderson, Geoffrey Fraser, LL.B. - - - -	1943
† Aleksandrovics, Pavils, B.Tech. - - - -	1958	† Anderson, Gordon Athol, Mus.Bac. - - - -	1958
† Allan, John Brooker, M.B., B.S. - - - -	1958	Anderson, Gwendoline Mary, B.A. - - - -	1933
† Allard, James Thomas, B.E. - - - -	1956	Anderson, Isabella, B.A. - - - -	1930
Allardice, John Graham, B.E. - - - -	1950	Anderson, Jack Sidney, M.B., B.S. - - - -	1944
Allen, David William, B.E. - - - -	1954	† Anderson, John Brayton, M.B., B.S. - - - -	1957
Allen, Dulce Dawn, B.A. - - - -	1945	† Anderson, Malcolm Webber, B.E. - - - -	1955
Allen, Edgar, M.A. - - - -	1913	Anderson, Max Kimberley, M.B., B.S. - - - -	1943
Allen, Gordon Lewis, B.E. - - - -	1951	Anderson, Peter Cameron, M.B., B.S. - - - -	1955
Allen, Gordon Vivian, B.E. - - - -	1936	Anderson, Ronald Alexander, B.Sc. - - - -	1948
Allen, Gwenneth Dawn, B.Sc. - - - -	1947	Anderson, Sesca Ross, LL.B. - - - -	1941
		Anderson (nee Lewis), Sylvia Hilda, M.Sc. - - - -	1954
		Anderson, William Moffat, B.E. - - - -	1920
		Andrew, Brian William, B.E. - - - -	1948
		Andrew, Hugh Graham, M.B., B.S. - - - -	1941

* Deceased.

† Not yet Members of the Senate.

Barlow, Marguerite Mora, M.B., B.S. -	1947	M.B., B.S. -	1914
Barlow, Peter Douglas, B.E. (Interim B.Sc. (Eng.) 1947 surrendered)	1948	Beard, Roland Maurice Charles Georges, M.B., B.S. -	1946
Barnard, Howard Lucas, B.E. -	1924	*Beare, Frank Howard, M.D. (M.B., B.S., 1917) -	1921
Barnard, Marguerita Mira, B.A. -	1911	Beare, Hedley, B.A. -	1954
Barneden, Vina Melba, Mus.Bac. -	1935	†Beare, James Hudson, M.B., B.S. -	1958
Barnes, Charles Stalley, M.Sc. -	1951	Beare, John Alan, B.Ag.Sc. -	1937
Barnes, David Thomas, M.B., B.S. -	1951	Beare, Thomas Hudson, M.B., B.S. -	1952
Barnes, Frederick Lynne, B.Sc. -	1938	Beare, Thomas James, B.E. (Interim B.Sc. (Eng.) 1949 surrendered)	1951
Barnes, Marjorie Joyce, LL.B. -	1937	Bearman, Imelda, B.A. -	1952
Barnes, Robert, M.B., B.S. -	1948	†Beasley, Victor John, B.A. -	1957
Barnes, Ronald David, B.Ec. -	1955	Beaton, Doris Jean, LL.B. -	1940
Barnes, Thomas Alfred, M.Sc. -	1950	Beauchamp, Edward Benjamin, LL.B. -	1927
Barnett, Samuel Powell, M.B., B.S. -	1927	Beaumont, Olive Sowter, B.A. -	1939
Barnfield, George Thomson, LL.B. -	1937	Beaumont, Paul Charles, B.A. -	1921
†Barr, Alan Marshall, M.B., B.S. -	1957	Beck, Alan Beavis, M.Sc. -	1932
Barr, Helen Elizabeth, B.Sc. -	1947	†Beck, Kevin Charles, B.Sc. -	1957
*Barracough, Sir Henry Egerton, M.E. (M.M.E., Cornell) -	1926	Beck, Merlin Benjamin, B.Ag.Sc. -	1949
†Barrett, Harold John, B.A. -	1956	Beck, Robert George, B.Ag.Sc. -	1941
Barrett, Murray James, M.D.S. -	1949	Beckwith, Ralph Symonds, B.Sc. -	1944
Barrett, William Vernon, B.A. -	1949	Beckwith, Shirley Katie, B.A. -	1939
Barrett-Lennard, Lancelot, M.B., B.S. -	1947	Bednall, Brian Herbert, B.Sc. -	1925
Barrien, Beryl Stoddart, M.Sc. -	1938	Bednall, David Maurice, LL.B. -	1953
Barrien, John, B.E. -	1948	†Bednall, Ian William Gordon, B.E. -	1958
Barritt, Lola Marjory, B.A. -	1955	Bednall, Maurice William, LL.B. -	1924
Barrow, Peter McKee, B.Ag.Sc. -	1949	Beech, Ernest Robert, M.B., B.S. -	1932
Barry, Alfred, LL.D. (Oxford) -	1889	Beech, Margaret Doris, B.Sc. -	1952
Barry, Brian Robert, B.Ec. -	1950	Beecham, Anthony Frank, B.Sc. -	1950
Barter, Francis Charles, LL.B. -	1931	†Beer, Barbara Helen, M.B., B.S. -	1956
Barter, Kenneth Edwin, B.A. -	1931	Begg, Barbara Rosemary, B.Sc. -	1947
Barter, Robert Alexander, M.D. (M.B., B.S., 1947) -	1953	Begg, Betty Shannon, M.B., B.S. -	1949
Barter, Ruth Estelle, B.A. -	1931	†Begg, Malcolm William, M.B., B.S. -	1956
Bartholomaeus, Clifford Geoffrey, B.E. -	1930	Begg, Percy Raymond, B.D.S. (Melbourne, 1924) -	1932
Baitholomaeus, Edmund Stanley, B.A. -	1914	D.D.Sc. -	1935
Bartholomaeus, Richard Voules, B.D.S. -	1955	Begg, Reginald Haussen, B.E. (B.Sc., 1911, surrendered for B.E., 1918) -	1918
Bartlett, Nancy Irene, B.A. -	1939	Behrnt, Arthur Clive, M.B. B.S. -	1948
Bartlett, William John, M.A. -	1914	Beilby, Bruce Parnell, B.E. -	1952
†Barton, David Charles, M.B., B.S. -	1956	†Beilby, Jack Canavan, M.B., B.S. -	1956
Barton, Felix Kingston, B.A. -	1911	*Bell, Arthur Hammond, M.A. -	1925
†Bartsch, Kenneth Murray, B.E. -	1958	Bell, Donald George, B.A. -	1941
Barwell, Sir Henry Newman, LL.B. -	1899	*Bell, Edith Bevilacqua, B.A. -	1936
Barwell, Mary Gilbert, B.A. -	1928	Bell, Franklyn Gilbert, M.B., B.S. -	1949
Basedow, Bernhard Frederick, B.Ec. -	1954	†Beltrame, Gino Ernest, B.E. -	1957
Basedow, Fritz Johannes, B.E. (B.Sc., 1912, surrendered for B.E., 1913) -	1913	Bender, Jill Margaret, B.A. -	1954
Basedow, Karl Johannes, M.B., B.S. -	1938	Benjaminson, Albert, B.E. -	1951
Basheer, Keith Cameel, M.B., B.S. -	1953	Bennett (nee Berriman), Annie Stevens, B.A. -	1919
Basheer, Max Rafeek, LL.B. -	1952	Bennett, Charles Gordon, B.A. -	1922
Bassett, Maxwell Auger, B.Ec. -	1951	Bennett, David John, B.Sc. -	1932
Basten, Henry Bolton, M.A. (Oxford, 1954) -	1954	Bennett, Donald Collier, M.B., B.S. -	1946
†Bastian, Elwin Scott, B.A. -	1956	Bennett, Donald John, B.E. -	1954
†Basto, Antonio Alberto, B.Ec. -	1957	Bennett, Floyd Chester, B.A. -	1951
Batchelor, Florence Elizabeth Reine, M.A. -	1931	Bennett, Frederick Norman, B.A. -	1905
†Batchelor, John, B.E. -	1956	Bennett, Graham Leslie, M.B., B.S. -	1935
†Bateman, Gretel Mary, B.Sc. -	1956	Bennett, Henry Trevor, LL.B. -	1950
Bateman, Peter Patrick, M.B., B.S. -	1950	†Bennett, James William, B.Ec. (B.Com., Melbourne, 1957) -	1958
Bateman, Wilfrid, B.Sc. -	1941	Bennett, John Barkly, M.B., B.S. -	1947
†Bateman, Winston Trevor, B.E. -	1956	Bennett, John Henry, Ph.D. (Cambridge, 1952) -	1957
Bates, Brian Lewis, B.Sc. -	1947	Bennett, John Nelson, LL.B. -	1944
Bates, William George James, B.E. -	1935	Bennett, Keith McQuarrie, B.E. -	1925
Bath, Donald James, B.E. -	1950	†Bennett, Malcolm Gordon, B.A. -	1958
Battye, Gavin Ross, B.E. -	1949	Bennett, Mary Gilmour, B.Sc. -	1951
Baudinet, Walter Hooper, M.B., B.S. -	1935	Bennett, Norman Robertson, M.B., B.S. -	1919
Bauer, Franz, M.B., B.S. -	1942	Bennett, Richard Barkly, M.B. B.S. -	1948
Baum, Murray Richard, B.A. -	1955	Bennett, Richard Clayton, M.B., B.S. -	1954
Bawden, Albert Victor, B.A. -	1930	Bennett, Thomas Southall, B.A. -	1933
Bawden, Maxwell George, M.B., B.S. -	1954	†Bennett, William Barkly, M.B., B.S. -	1956
†Bawden, Thomas Edward, B.Sc. -	1956	Bennier, Donald John, B.E. -	1951
Baxter, Reginald Robert, B.Sc. -	1912	Bennier, Margaret Mary Caroline, B.A. -	1955
Bayliss, Colin Evan, M.B., B.S. -	1951	Benskin, Frederick George, M.A. (Oxford, 1900) -	1923
Bazeley, Austin Joseph, B.D.S. -	1955	Benson, Colin John, M.B., B.S. -	1953
Bazeley, Francis, B.E. -	1950	Benson, Maurice Bernard, B.A. (London) -	1950
Bean, Alan Reid, M.B., B.S. -	1917	Benson, Richard Neville, M.B., B.S. -	1953
Bean, Sir Edgar Layton, B.A. -	1913	Benson, William Herbert, M.B., B.S. -	1951
LL.B. -	1922	Bentley, Alan, M.B., B.S. -	1953
Bean, Edgar Stewart, M.B., B.S. -	1947	Bentley, John Donald, B.A. -	1951
Bean, Malcolm James Layton, B.D.S. -	1954	Bentley, William James, B.A. -	1935
Beaney, Harold Leigh, B.E. -	1932		
Beard, Donald Douglas, M.B., B.S. -	1947		
Beard, Jack Roland Stanley Grose,			

* Deceased.

† Not yet Members of the Senate.

Beresford, Richard de la Poer, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1949	Blacket, Alison Flora, B.A.	1954
Berndt, Kenneth Lewis, B.Sc.	1937	Blacket, Arthur Howard, B.A.	1927
B.A.	1943	Blacket (nee Dickinson), Edith Grace, B.A.	1926
Berriman, Ian Palmer, B.E.	1955	†Blackmore, Gerda, B.A.	1958
Berriman, Peter Souter, B.Sc.	1954	Blades, James Frederick, B.A.	1947
Berriman, Robert Harold, B.E. (B.Sc., 1915, surrendered for B.E., 1919)	1919	Blaess, Frederick John Henry, M.A.	1943
Berry, Frances Winifred, M.A.	1919	Blaess, Ronald Frederick, B.A.	1943
Berry, Patricia Dean, B.Sc.	1952	Blair, David Scott, B.E.	1949
Berry, Philip Alan, M.Sc.	1934	*Blair, Euphemia Theodosia, M.A.	1916
Berry, Thomas Bruce, B.D.S.	1953	Blair, Joan Scott, B.A.	1949
†Berryman, Maurice James, B.E.	1956	Blair, Ruth Margaret, B.A.	1951
Bert, Ernest Julius, B.E.	1921	Blake, Milton Audley, B.Sc.	1923
Bessant, Dorothy Elizabeth, B.A.	1952	Blakeway, Lionel Norman, B.A.	1948
Best, Effie Deland, B.Sc.	1953	†Blanch, Beverley Ruth, B.Sc.	1956
Best (nee Deland), Effie Wyllie, M.Sc.	1930	Blaskett, Alan Charles, B.Sc.	1950
Best, Rupert Jethro, D.Sc.	1948	Blaskett, Donald Reginald, B.E.	1940
Bested, Gordon John, B.A.	1942	Blaskett, Kenneth Selway, B.E.	1931
Bettison, Margaret Selina, B.A.	1949	Blaskett, Sydney Norman, B.E.	1928
†Bethers, Frank Rex, M.B., B.S.	1957	Bleby, Dorothy Aileen, B.A.	1930
Betts, Beatrice Berenice, B.A.	1933	Bleby, Gordon Edward Henry, LL.B.	1931
Betts, William James, M.B., B.S.	1941	Bleby, John Raymond, B.A.	1933
Bevan, Medhurst Llewellyn Willett, LL.B.	1931	Bleby, Thelma Evelyn, LL.B.	1923
Beverley, David William Ernest, B.E.	1951	Blesing, Rae Flora, B.A.	1947
Beverley, Roland Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Blight, John Malcolm, B.Sc.	1950
Beviss, Archibald Charles Kidman, B.A.	1943	Blight, Thomas David, B.Sc.	1951
Bhavilai, Rawi, M.Sc.	1952	Bloomfield, Allan John, B.D.S.	1939
Biaggini, Ernest Gordon, D.Litt.	1944	†Bloomfield, Dennis Alexander, M.B., B.S.	1956
Bickersteth, Kenneth Julian Faithfull, M.A. (Oxford, 1920)	1920	Bloomfield, Jack Lee, B.Ec.	1943
Bickford, Reginald Nevill Cudmore, M.B., B.S.	1935	Blown, William Baker, B.E.	1930
Biddle, Enid Barbara, B.A.	1948	†Blum, John, B.D.S.	1955
Biddle, Gordon Crawford, B.Sc.	1950	Boas, Isaac Herbert, B.Sc.	1899
Bidstrup, Patricia Leslie, M.D. (M.B., B.S., 1939)	1958	Bodmer, Noel Frederick John, M.B., B.S.	1955
Biele, Keith William, B.Ec.	1952	Boehm, Ernst Arthur, M.Ec.	1955
Billing, Geoffrey Chandos, B.A.	1922	Boehm, Jack, LL.B.	1952
Billinghurst, Harry, B.E.	1954	Boehm, Rolfe Vernon, B.E.	1935
†Billinghurst, Onslow Chestle, B.E.	1958	Boehm, Walter Gotthilf, B.A.	1953
Billitzer, Anthony Wolfgang, M.Sc.	1952	Boer, Edward Douglas, M.B., B.S.	1942
Bills, Allan Maynard, B.A.	1931	†Bogner, Robert Eugene, B.E.	1956
Bills, Bruce Chapman, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949	Bolin, Beverley Louise, B.E.	1948
Bills, David Charles, B.Sc.	1950	*Bollen, Christopher, M.D. (Toronto, 1891)	1894
Bills, Lawrence McAusland, LL.B.	1937	Bollen, Derek Willoughby, LL.B.	1951
Bills, Malcolm Bruce, B.D.S.	1947	Bollen, Kenneth Willoughby, M.B., B.S.	1918
Binley, Neil Joseph, B.A.	1938	†Bollen, Peter Willoughby, B.Sc.	1957
†Bilton, Anthony Herbert, M.B., B.S.	1958	†Bond, Leonard Gordon, B.A.	1924
Binns, Raymond Thomas, M.D. (M.B., B.S., 1923)	1937	†Bond, Roy Douglas, B.Tech.	1958
Birch, John Bright, M.B., B.S.	1915	*Bond, William Elmhirst Tucker (B.A., Cambridge), B.Sc.	1952
Birch, Louis Charles, D.Sc.	1949	Bone, Maxwell Harold, B.A.	1938
†Birchall, Nicholas John Wardlaw, LL.B.	1956	Bonner, Brian Christopher, B.Sc.	1950
Bird, Alan Francis, M.Sc.	1955	M.B., B.S.	1957
†Bird, Peter Allan, B.A.	1958	Bonnin, James Arthur, M.D. (M.B., B.S. 1946)	1955
Birdseye, Sydney Alick, M.B., B.S.	1951	Bonnin, Josiah Mark, M.D. (M.B., B.S., 1936)	1947
Birks, Peter Macintyre, M.B., B.S.	1934	Bonnin, Lansell, M.B., B.S.	1941
†Birks, Peter Roland, B.Ag.Sc.	1957	Bonnin, Murray Frew, LL.B.	1936
Birks, Walter Gordon, M.B., B.S.	1937	B.A.	1947
Birks, Walter Richard, B.Sc.	1910	Bonnin, Noel James, M.S. (M.B., B.S., 1932)	1944
†Birrell, Archibald Novar, B.E.	1957	Bonython, Charles Warren, B.Sc.	1938
†Bishop, John Neil, B.Ec.	1958	Bonython, John Langdon, B.A. (Cam- bridge, 1928)	1928
Biswas, Samarendra Nath, Ph.D.	1958	†Bonython, Richard Martin, B.Ag.Sc.	1957
†Bittner, Anita, B.A.	1956	Booker, Robert Franklin, M.A.	1931
Black, Edward William, Mus.Bac.	1925	Boomsma, Clifford David, M.Sc.	1949
Black, Eustace Couper, M.B., B.S.	1910	†Boord, Frederick Hughes, B.A.	1956
B.A.	1957	Boord, Leslie, B.E.	1953
*Black, Geoffrey Howard Barham, M.B., B.S.	1916	Booth, Edward Stirling, B.Sc.	1932
Black, James Foster Barham, B.E.	1955	Booth, Jean Marie, Mus.Bac.	1944
Black, Nancy Helen Barham, M.B., B.S.	1951	Boothby, Charles Brinsley, LL.B.	1886
Blackburn, Arthur Seaforth, LL.B.	1913	Borland, Francis Thomas, M.A. (Mel- bourne)	1952
Blackburn, Sir Charles Bickerton, B.A.	1893	Borrow, Keith Travers, LL.B.	1939
Blackburn, Harold Stewart, M.B., B.S.	1942	Boscence, William Edward Bruce, M.S. (M.B., B.S., 1937)	1947
Blackburn, John Stewart, B.A.	1914	Bosher, Peter Abel, B.E.	1950
Blackburn, Margaret Alison, B.A.	1951	Bosher, Victor James Marcel, M.Sc.	1948
Blackburn, Richard Arthur, B.A.	1939	Bosworth, Richard Charles Leslie, D.Sc.	1938
Blackburn, Robert Stewart, B.D.S.	1941	*Bosworth, Richard Leslie Eugene, B.Sc.	1901
Blackburn, Suzanne Burton, M.B., B.S.	1948	Botham, John Robert, B.Ag.Sc.	1950

* Deceased.

† Not yet

Members of the Senate.

Botten, Robert Gray, M.B., B.S.	1949	Brice, Emilie Una, B.A.	1937
Boucaut, James Penn, LL.B.	1939	Brice, Helen Elizabeth, B.Sc.	1953
† Boucaut, William Ray Penn, B.Sc.	1958	Brice, John Marshall, B.Sc.	1951
Boundy, Clive Alfred Paul, B.E.	1935	Brideson, Hedley Cyril, B.A.	1943
Boundy, Rex, B.E.	1923	Bridgland, Milton Deane, B.Sc.	1942
Boundy, William Stevenson, B.Sc.	1950	Bridgland, Reginald James, M.E.	1935
Bourke, Elma Marie, B.A.	1933	Brigden, James Bristock, B.A. (Oxford, 1920)	1926
* Bourke, George Herbert, B.A.	1924	Bright, Charles Hart, B.A.	1934
Bourke, Herbert Merwin, M.B., B.S.	1922	LL.B.	1934
Bourne, Malcolm Cornelius, B.Sc.	1949	Brindal, Rosemary Barbara, M.B., B.S.	1949
Bowden, John Gilmore, B.Sc.	1954	† Brindal, William Harley, B.D.S.	1958
Bowden, Kevin Benjamin, B.E.	1951	Brisbout, John Augustus Roger, M.B., B.S.	1950
Bowden, Wallace Auckland, M.B., B.S.	1953	Broadbent, Eric Elihu, M.B., B.S.	1917
† Bowcn, Maurice Emanuel, LL.B.	1956	Broadbent, Henry Neil Gribble, B.E.	1952
Bowering, Beryl, M.B., B.S.	1933	Broadbent, Ian Nicholas, M.B., B.S.	1954
Bowering, Douglas Charles, M.B., B.S.	1954	Broadfoot, Kenneth Davidson, B.E.	1954
Bowering, Owen Wheatley, M.B., B.S.	1937	Brock, Erland Jeffrey, B.A.	1955
Bowes, Colin Robert, B.Sc.	1945	Brock, Rex Richard Ashby, M.B., B.S.	1949
Bowes, Donald Ralph, M.Sc.	1948	Brock, Robert John, B.E.	1955
Bowes, Keith Russell, B.A.	1955	† Brockhoff, John Ashleigh, B.Sc.	1958
M.A.	1958	Brocksopp, John Ernest, LL.B.	1934
Bowey, Allan Edgar, B.Sc.	1953	Brockway, George Ernest Emerson, B.Sc.	1921
Bowey, Keith Wilfred, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949	Brokensha, Peter, B.E.	1950
Bowey, Ross Richard, M.B., B.S.	1948	Bromfield, Donald Hamilton, M.B., B.S.	1946
Bowler, John Kirkpatrick, M.B., B.S.	1937	Bronner, Rudolph, M.A.	1926
Bowness, Alexander, B.E.	1947	Brook, Donald Leslie, B.E.	1949
† Bowyer, Donald Albert, B.E.	1957	Brook, Richard John, B.Sc.	1956
Boyce, Althea Enid, B.A.	1930	Brooke, Joyce Ethel, M.Sc.	1939
Boyce, Robert William, B.E.	1954	Brooke, Malcolm Archibald, B.E.	1925
Boyce, Sidney Herbert, B.E.	1928	† Brooke, Peter Michael, B.E.	1958
Boylan, Francis Eugene, LL.B.	1953	Brooke, William Charles Robert, B.E.	1931
Boyle, Kevin William, B.E.	1940	† Brooker, Murray Ian Hill, B.Ag.Sc.	1957
Boyle, Lester Robert, M.D.S. (B.D.S., 1943)	1947	Brookman, Benjamin Edward, M.B., B.S.	1944
† Brabham, Roy Andrew, B.E.	1956	Brookman, Graham George, B.E.	1949
Bracken, Maurice John, B.A.	1947	Brookman, John Gordon, B.E.	1937
Braddock, Lyall Arthur, B.E.	1944	Brookman, John Ragless, M.E.	1925
Braden, Allan Walter Horace, B.Sc.	1947	* Brooks, Albert Joseph, B.A.	1904
Bradley, Michael Charles, B.A.	1955	Brooks, Brian John, B.E.	1951
Bragg, Sir William Lawrence, B.A.	1908	Brooks, David Stirling, M.E.	1958
† Brain, Patricia Ethel, M.B., B.S.	1957	Brooks, George Herbert, B.Sc. (Eng.)	1943
Brame, Alan John Fisher, B.E.	1951	Brooks, Hector Buckland, B.Ag.Sc.	1954
Bramwell, Myra Gladys, B.A.	1940	Brooks, Ian Arnot, M.B., B.S. (Edinburgh, 1943)	1955
† Brand, Ian Allan George, M.B., B.S.	1957	Brooks, James Alfred, B.Sc.	1952
Brandstater, Bernard John, M.B., B.S.	1951	Brooks, Joyce Dardanella, B.A.	1945
Brandstater, Rhona, B.Sc.	1949	Brooks, Merle Olive, B.A.	1947
Branson, Colin William, B.E.	1953	Brooks, Mervyn Leslie, B.Sc.	1948
Branson, Dean Martin, M.B., B.S.	1955	Brooks, Richard Rodney, B.E.	1935
Branson, Harold Randolph, M.B., B.S.	1921	Broomhead, Edwin Norman, M.A.	1940
Brasch, Leonard William, B.Sc.	1950	Brose, Henry Herman Leopold Adolph, D.Sc.	1931
Brauer, Edwin Harold, B.A.	1947	Broughton, Rodney Whitfield-Smith, B.E.	1953
Brauer, Herman Gustav Adolph, M.A. (Wisconsin, 1899)	1905	Brous, Michel, M.B., B.S.	1945
Braunsthall, Norman Frank, B.E.	1947	* Brown, Arthur Cubitt, B.E. (B.Sc., 1911, surrendered for B.E., 1914)	1914
Brawn, May, M.A.	1924	Brown, Alfred Reginald Radcliffe, M.A. (Cambridge)	1926
Bray, Andrew Mackie, B.E.	1950	Brown, Cyril Maitland Ash, B.A.	1932
Bray, Elva Mildred, B.A.	1941	Brown, Donald Edgar, B.A.	1954
Bray, Gildart Harvey, M.A. (Aberdeen, 1890)	1891	Brown, Dougal Hamilton, B.E.	1948
Bray, Isabel Mary, B.Sc.	1951	Brown, Enid Norma, B.A.	1939
Bray, John Jefferson, LL.D.	1937	Brown, Ernest William, D.Sc. (Cambridge, 1897)	1914
Bray, John Marmion, B.Sc.	1942	Brown, Frederick George, B.A. (London, 1898)	1906
Bray, Robert Stow, B.Sc.	1950	B.Sc.	1910
Bray (nee Trengove), Rosalie Irene, M.A.	1930	Brown, Graham Barrett, B.E.	1952
Brav, William Harry, LL.B.	1951	Brown, Geoffrey Frank, B.Sc.	1952
Brazel, James Francis, LL.B.	1926	Brown, Geoffrey Ivan, B.D.S.	1946
Brazier, John Richard, B.A.	1948	Brown, Geraldine Whittle, B.Sc.	1949
Breakay, Angus James, B.E.	1953	Brown, Henry, M.A.	1924
Breakwell, Ernest James, M.Ag.Sc. (B.Sc.Agr., Sydney, 1931)	1939	B.E.	1936
Brealey, Keith Lisle, B.Sc.	1951	Brown, Howard Arthur, B.E.	1938
Brealey, Maurice Norman, Ph.D.	1958	Brown, Ian, B.Sc.	1940
* Brebner, Charles Cave, LL.B.	1918	Brown, James Howard, M.B., B.S.	1944
Brebner, Charles Ross, LL.B.	1954	† Brown, Jennifer May, M.B., B.S.	1957
Brebner, Donald Malcolm, LL.B.	1951	Brown, Joan, B.Sc.	1954
Bree, Ellen Ruth, B.A.	1942	Brown, John Arthur Stacy, B.Sc.	1951
Bree, Joan Alison, B.Sc.	1948		
Brentnall, George Rex, M.B., B.S.	1953		
Brett, Horace William Walter, Ph.D. (B.Sc., 1951)	1957		
† Brett, Peter Robin, B.Sc.	1956		
† Breynard, Keith Beaumont, B.E.	1956		
Brice, Annette, B.A.	1954		

* Deceased.

† Not yet Members of the Senate.

Brown, Judith Eileen, B.Sc. - - -	1954	Burnard, Renfrey Gershom, M.B., B.S.	1904
Brown, Kenneth Aylesbury, B.D.S. - -	1950	Burnard, Richard de Garis, M.B., B.S.	1937
Brown, Kenneth Barnden, M.B., B.S. -	1942	Burnard, William Frank, B.Sc. - -	1952
Brown, Laurence Binet, Ph.D. (London, 1954) - - -	1958	Burnell, Arthur William, M.B., B.S. -	1943
Brown, Lewis Ronald, B.E. (Interim B.Sc. (Eng.) 1946 surrendered) - -	1948	*Burnell, Glen Howard, M.D. (M.B., B.S., 1916) - - -	1920
†Brown, Margaret, M.B., B.S. - - -	1956	Burnell, Reginald George, B.A. - - -	1905
Brown, Mary Home, B.Sc. - - -	1902	Burnett, Baltimore Edward Thackeray, B.A. - - -	1937
Brown, Maurice William, M.B., B.S. -	1954	†Burnett, Ian Brandwood, LL.B. - - -	1958
Brown, Norman, B.A. - - -	1952	Burnett, Leonard Ward, B.E. - - -	1949
Brown, Reginald Dutton, B.Ec. - - -	1945	Burnham, Mary Elizabeth, B.A. - - -	1951
Brown, Richard Archibald, B.E. - - -	1954	Burns, Chester Arnold, B.D.S. - - -	1929
Brown, Robert Foster, LL.B. - - -	1936	Burns, Clement Aylesbury Colin, M.B., B.S. - - -	1954
Brown, Roger Norman, B.Sc. - - -	1952	Burns, Erica Marian, B.Sc. - - -	1955
Brown, Ross Alvarez, M.B., B.S. - -	1951	Burns, John Cumming, B.D.S. - - -	1926
Brown, Tasman, B.D.S. - - -	1950	Burns, Marjorie Ruth, B.A. - - -	1951
Brown, Warwick Day, B.Sc. - - -	1944	Burns, Mary Leonora, M.A. - - -	1932
Browne, Noel John, M.B., B.S. - - -	1953	Burns, Peter James Stedman, M.B., B.S. - - -	1954
Browne, Philip, M.A. - - -	1928	*Burns, William Middleton, LL.B. - -	1920
*Brownell, Angus Lauriston, B.E. - -	1952	Burnside, James Patrick, B.Sc. - - -	1950
Brownell, Peter Ferguson, B.Ag.Sc. -	1951	Burrage, Betty Dalmahoy, B.Sc. - - -	1944
Browning, Thomas Oakley, Ph.D. (B.Sc., 1949) - - -	1951	Burrell, Edward Sampson, B.D.S. - -	1940
Bruce, Clifford Roy, B.A. - - -	1949	Burrow, Allan Lincoln John, B.Sc. - -	1937
Bruce, The Right Honourable Stanley Melbourne, LL.D. (Cambridge, 1923) - - -	1926	Burrow, John Francis, B.D.S. - - -	1951
Brummitt, Donald William, M.B., B.S.	1938	Burston, Robin Archibald, M.B., B.S.	1943
†Brummitt, Peter Elliott, M.B., B.S. -	1957	Burston, Samuel Roy, M.B., B.S. (Melbourne, 1910) - - -	1930
†Brummitt, Robert, M.B., B.S. - - -	1955	Burton, Alice Madge, M.A. - - -	1931
Bryan, Claude John Dennis, M.B., B.S.	1950	Burton, Dudley Hopetoun, B.A. - - -	1938
Bryan, Peter Kaye, M.B., B.S. - - -	1954	Burton, Maxwell Victor, B.Ag.Sc. - -	1950
Bryant, Kenneth Hyett, M.B., B.S. -	1955	Burton, Nancy Glen, B.A. - - -	1932
Bryce, Thomas Scott, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - -	1948	†Burton, Patrick Andrew, M.B., B.S. -	1956
Buchan, Howard James, B.Sc. (Sydney, 1950) - - -	1955	Burton, Peter, B.E. - - -	1955
Buckley, Joseph Edward, B.Sc. - - -	1950	Burwill, George Henry, M.Ag.Sc. (B.Sc. Agric., Western Australia, 1931) -	1939
Buckett, Reginald Clement, B.E. - -	1931	†Burwill, Peter Walter, M.B., B.S. -	1957
†Buick, William George, B.A. - - -	1956	Bush, Lillian, M.A. (Edinburgh, 1933)	1953
Bulbeck, Francis Paul, B.E. - - -	1951	Butcher, Alan Edward, B.A. - - -	1931
Bull, Frank Bertram, B.E. (B.Sc., London, 1937) - - -	1953	†Butcher, Ian Robert, B.E. - - -	1957
Bull, Winnifred, B.A. - - -	1943	Butler, Deirdre Brigid, B.Sc. - - -	1953
Bullas, Leonard Raymond, M.Sc. - - -	1957	Butler, Frederick Stanley, M.A. - - -	1893
Bulling, William John, B.E. - - -	1939	Butler, James Mortimer, B.Sc. - - -	1951
Bullock, John Hynam, B.E. - - -	1936	Butler, Joan Hilary, B.Sc. - - -	1954
Bundey, David Hamilton, B.E. - - -	1951	Butler, Kathleen Fiona, B.A. - - -	1944
Bundey, John Goode, M.B., B.S. - -	1947	†Butler, Pamela Margaret, B.Sc. - - -	1956
Bunbrock, William John, B.E. - - -	1952	Butler, Peter Forsythe, M.Ag.Sc. - -	1951
Bungey, Roger Saunders, B.Sc. - - -	1952	Butler, Randal St. John Michael, M.B., B.S. - - -	1954
Bunney, Bronte Rowland, B.Sc. - - -	1951	Butler, Stuart Thomas, M.Sc. - - -	1948
†Bunney, Judith Anne, B.A. - - -	1956	Butler, William Henry, B.Sc. - - -	1931
Burchett, Kemer Ann, LL.B. - - -	1953	†Butler-Nixon, Grahame Gordon, LL.B.	1956
Burdett, John Charles, LL.B. - - -	1951	Butterworth, Boyd Robert, M.B., B.S.	1951
Burdon, Ella Kate (nee McRostie), B.A. - - -	1915	Butterworth, Clarence Gerald Roy, B.A.	1929
Burdon, Geoffrey Jasper, B.E. - - -	1949	Butterworth, David John, B.Sc. - - -	1952
Burdon, Ivor Leslie, B.A. - - -	1943	†Butterworth, Geoffrey Noel, B.E. - -	1958
Burdon, Kenneth Roy, M.B., B.S. - -	1949	Butterworth (nee Foster), Helen Lesley, M.Sc. - - -	1954
Burdon, Roy Stanley, D.Sc. - - -	1935	Butterworth, Peter Walter, B.E. - - -	1951
Burfield, Arthur, B.A. - - -	1934	Buttery, Roland Richard, LL.B. - - -	1924
Burfield, Lance Samuel, B.E. - - -	1940	Buttery, Ronald Gordon, Ph.D. - - -	1956
†Burford, Mary Jill, B.Sc. - - -	1957	Button, Reginald Ernest, B.E. - - -	1934
Burford, Robert Royce, B.Sc. - - -	1955	Buttrose, Ian, LL.B. - - -	1918
Burford, Warren Lindsay, B.Sc. - - -	1945	†Buttrose, Mark Sinclair, B.Ag.Sc. - -	1956
Burger, George Emanuel, M.Sc. (Ph.D., Vienna, 1927) - - -	1940	Buttrose, Stroma, B.A. - - -	1955
Burgess, Annie Frances, B.A. - - -	1909	†Buxton, John Balfour, B.Sc. - - -	1957
†Burgess, John Albert, B.E. - - -	1957	Byard, Douglas John, B.A. (Oxford, 1882) - - -	1889
Burgess, Leslie Frank, B.Sc. - - -	1908	Byles, Baldur Unwin, B.Sc. - - -	1925
Burgess, Norman Cecil, B.E. - - -	1923	Byrne, Alfred Dudley, M.B., B.S. - -	1927
†Burgess, Richard John, B.D.S. - - -	1956	Byrne, Bernadette Marie Therese, B.A.	1950
Buring, Franz Maurice, B.E. - - -	1923	†Byrne, Osman Roy, B.Sc. - - -	1958
Buring, Rupert Hermann Maurice, B.Sc. - - -	1929	Byrne, Peter Noel, B.Ag.Sc. - - -	1952
†Burke, Philip Damien, B.Sc. - - -	1958	Byrne, William Creedon, B.A. - - -	1954
Burleigh, Eric Charles, M.A. (Bristol, 1951) - - -	1956	C	
Burnard, David Alexander, Mus.Doc. -	1932	Cahalan, Maurice James, B.Sc. (Eng.)	1945
Burnard, Donald Frank, B.E. - - -	1935	†Caines, Jennepher Ellen, B.A. - - -	1958
Burnard, Patricia de Garis, B.A. - -	1938	*Cairns, Hugh William Bell, M.D. (Oxford) (M.B., B.S., 1917) - - -	1948

* Deceased.

† Not yet Members of the Senate.

Calder, Shirley Hilda, M.B., B.S.	1950	Carter, Maurice Vernon, M.Ag.Sc.	1957
Caldicott, Emma Victoria, B.A.	1927	Carter, Maxwell John, B.Sc.	1948
Caldwell, Hilda Valmai, B.Ec.	1941	Carter, Melville Lionel, M.B., B.S.	1953
Callaghan, John Phillip, B.A.	1952	Carthew, Allen Rex, B.Sc.	1949
LL.B.	1953	Carthew, Brian, B.E. (Interim B.Sc.	
Callus, Francis Arthur, B.Sc.	1954	(Eng.), 1945, surrendered)	1947
Camens, Ivan Maurice Henry, M.B., B.S.	1947	Carthew, John, B.E.	1952
Cameron, Cyril Thomas Murray, M.B., B.S.	1954	Carthew, Lancelot, B.A.	1952
†Cameron, Donald Ewen, B.Ec.	1958	Cartledge, Jack Pickering, LL.B.	1921
†Cameron, Duncan James, M.B., B.S.	1957	Cartledge, John Owen, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Cameron, Ian Edmund, LL.B.	1950	Cashmore, Alec Brooke, M.Sc.	1938
Cameron, Robert Ewen, B.A.	1921	Cashmore, George Herbert, M.B., B.S.	1927
Cameron, Roy James, M.Ec.	1951	Cashmore, Helen Patricia, B.A.	1948
Campbell, Allan Gordon, M.S. (M.B., B.S., 1938)	1950	Casling, Reginald Herbert, B.E.	1951
Campbell, Archibald Duncan, B.A.	1955	Casson, Leslie Frank, M.A.	1928
Campbell, Archibald Herbert, B.A.	1925	Casson, Paul Bevis, B.Sc.	1935
Campbell, Archibald Way, M.B., B.S.	1896	Castle, Edgar Woods, B.A.	1952
Campbell, Colin Arthur Fitzgerald, M.A. (Cambridge, 1889)	1889	Castle, Robert Norman, M.B., B.S.	1953
Campbell, Donald, LL.B.	1911	Catcheside, David Guthrie, D.Sc. (London)	1952
Campbell, Florence Way, Mus.Bac.	1897	Catchlove, Sydney George Leyland, M.B., B.S.	1907
Campbell, Frederick Charles Henry, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	1947	Catchpoole, John Roger, B.Sc.	1952
†Campbell, George McClelland, B.D.S.	1956	Cathro, Keith James, Ph.D. (B.E., 1954)	1957
Campbell, Gordon Cathcart, B.A.	1906	†Cattrall, Robert Walter, B.Sc.	1957
LL.B.	1909	Causby, Donald James, B.E.	1950
Campbell, Ian Duncan, B.E.	1955	Caust, David Kennings, M.B., B.S.	1946
Campbell, Ian George, M.B., B.S.	1953	*Caust, Leslie George William, B.A.	1921
*Campbell, James Way, B.A.	1903	Caust, Leslie James, M.B., B.S.	1954
LL.B.	1905	Cavalier, Herbert Ramsden, M.A. (Oxford, 1902)	1931
Campbell, Jessie, B.A.	1908	Cawdle, Robert Ferris, B.E.	1951
Campbell, Jessie, B.A.	1929	Cawte, Frederick George Nelson, B.A.	1943
Campbell, Kenneth Bruce Desmond, B.E.	1931	Cawte, John Ewart, M.B., B.S.	1949
†Campbell, Kevin Desmond, B.Tech.	1958	Cellier, Kevyn Meylan, B.Sc.	1955
Campbell, Thomas Draper, D.D.Sc. (B.D.S., 1921)	1923	Chalklen, Gwendoline Elizabeth, B.A.	1930
D.Sc.	1939	†Chalklen, Roland John, B.A.	1956
Canaway, Geoffrey Watson, B.E.	1951	Chamberlain, Reginald Roderic St. Clair, LL.B.	1922
Cannell, Cedric James, B.Sc.	1931	†Chambers, Gordon Manson, M.B., B.S.	1957
B.A.	1943	*Chambers, William Charles Teesdale, M.B., B.S.	1942
*Canney, Richard Francis, M.A.	1922	*Champion de Crespigny, Sir Constantine Trent, M.D. (Melbourne, 1906)	1913
B.Sc.	1926	Champion de Crespigny, Richard Geoffrey, M.B., B.S. (Melbourne, 1930)	1933
Canning, Albert Edward, B.E.	1949	†Chan, Kong Lam, M.B., B.S.	1956
Canny, Kevin Francis, LL.B.	1953	Chandler, Arthur James, M.B., B.S.	1927
Canny, Nicholas Joseph, B.Sc.	1947	Chapman, Arthur Horsley, B.E.	1927
Cant, Alistair McKinnon, B.A.	1939	Chapman, Ernest Stirling, B.D.S.	1928
Cant, Harry Arundale, B.Sc.	1924	Chapman, Frank Hewett, LL.B.	1930
Cant, Isobel Brown, B.A.	1954	Chapman, Gilbert Wesley, M.B., B.S.	1955
Cant, Rodney Revett, B.Ag.Sc.	1949	Chapman, John Marsden, B.A.	1934
†Capon, Ian Nicholas, B.Sc.	1957	Chapman, Peter Noel, B.D.S.	1952
†Carapetis, Steve, B.Tech.	1958	*Chapman, Robert Hall, M.E. (B.Sc. 1910, surrendered for B.E., 1913)	1921
Carden, David, M.B., B.S.	1953	Chapman, Stanley Bertram, B.Sc.	1931
Carey, Edward John, B.Ec.	1946	B.E.	1934
Carey, Francis Clive Savill, Mus.Bac. (Cambridge, 1906)	1924	Chapman, William Glanville, B.E.	1935
†Carey, Gerald David, B.Ec.	1958	Chappell, John Francis, B.E.	1952
Carey, John Gilbert, B.Sc.	1954	Chappell, John Graham, B.Sc.	1950
*Carlin, Cyril Brooke, M.B., B.S.	1926	Chappell, William Thomas, M.B., B.S.	1953
Carman, Robert Douglas, M.S. (M.B., B.S., 1939)	1948	Chapple, Alfred, B.Sc.	1894
Carman, Stephen Hewett, LL.B.	1936	Chapple, Colin Frederic, M.B., B.S.	1936
Carmen, Noel Francis, B.A.	1947	Chapple, Harold, B.Sc.	1900
Carmichael, Donald Ross, B.A.	1950	Chapple, Phoebe, B.Sc.	1898
Carne, Alfred George, B.A.	1912	M.B., B.S.	1904
Carne, Ian Hamilton, B.E.	1940	Chard, June Myra, M.B., B.S.	1947
Carr, Emma Lucy, B.A.	1917	Charlesworth, George Harvey, B.A.	1953
†Carrail, Robert Murray, B.Ag.Sc.	1958	Charlesworth, Thomas William, M.A.	1932
Carroll, Mary Philomena, B.A.	1933	†Charnock, John Stewart, B.Sc.	1956
†Carruthers, Alfred Lloyd Harvey, B.Ec.	1957	†Charter, Brian, B.E.	1958
*Carslaw, Horatio Scott, D.Sc. (Sc.D., Cambridge, 1908)	1926	Chartres, Bruce Alwyn, M.Sc.	1953
Carter, Alan Norval, M.Sc.	1954	†Chase, Brian Collison, B.E.	1956
†Carter, Alexander John, B.Sc.	1957	†Cheah, Sim Huat, M.B., B.S.	1957
Carter, Charles Robert, B.Sc.	1947	Cheek, Allison Mary, B.A.	1949
Carter, Edward Diment, B.Ag.Sc.	1949	Cheek, Bruce Mansfield, M.A.	1949
†Carter, Elijah, LL.B.	1957	Cheek, Donald Brook, M.D. (M.B., B.S., 1947)	1953
Carter, Elizabeth Reay, B.A.	1942	Cheek, Nancy Olive, M.B., B.S.	1942
Carter, Frank Killingbeck, B.Sc.	1922	Cheesman, Graham Frank, M.B., B.S.	1946
Carter, Ian Dan, M.B., B.S.	1952	Chellev, Thelma Lorraine, B.Sc.	1954
Carter, Ida Jane, B.A.	1918		

*Deceased.

†Not yet Members of the Senate.

Chenell, John Gordon Peake, B.Sc.	1951	Clarkson, Alan James, M.B., B.S.	1934
†Cheney, Kevin, M.B., B.S.	1956	Clarkson, Colin Lloyd, B.Sc.	1950
Cherry, Aileen Percival, B.A.	1934	†Clarkson, Roger Philip, M.B., B.S.	1956
M.B., B.S.	1949	Claxton, Lindsay Grahame, B.E.	1955
*Cherry, Alan Percival, M.B., B.S.	1941	Clayton, Arthur Ross, M.B., B.S.	1902
Cherry, Edward Percival, M.B., B.S.	1938	†Clayton, John Jesson, B.E.	1957
Chesney, David Alexander, B.Sc.	1954	Clayton, Sally Jeanette, B.A.	1954
B.A.	1957	Cleggett, Edith, B.A.	1921
Chester, Harry Leonard, M.B., B.S.	1925	Cleggett, Lloyd, B.A.	1955
Chester, Leonard Raymond, B.Sc.	1951	Cleland, Elizabeth Robson, M.Sc.	1935
Chesterman, Harry Martin, B.E.	1950	Cleland, James Lindsay, B.A.	1954
†Chew, Chong Kan, M.B., B.S.	1957	Cleland, Joan Burton, M.Sc.	1947
Chibnall, Helen, B.Sc.	1944	Cleland, John Burton, M.B. (Sydney,	
Chick, John Bertram, B.Sc.	1948	1902)	1902
M.B., B.S.	1955	Cleland, Margaret Burton, M.B., B.S.	1932
†Chick, Malcolm, B.Sc.	1958	Cleland, Michael Edward E., LL.B.	1951
Chignell, Arthur Kent, B.A.	1900	Cleland, Pamela Mary, B.A.	1949
Child, Marie Beatrice, B.A.	1926	LL.B.	1956
Childs, John Tothill, B.D.S.	1952	Cleland, Peter Fullerton, LL.B.	1947
Childs, Peter Anthony, M.B., B.S.	1953	Cleland, William Paton, M.B., B.S.	1934
*Chilman, Eliza Stewart, B.A.	1930	Clements, Trevor Murray, B.D.S.	1950
Chinner, Beryl Esther, Mus.Bac.	1947	Clendinnen, Ian Jeffrey, B.Sc.	1952
Chinner, Graham Alan, M.Sc.	1955	Clezy, John Kenneth Albert, M.B., B.S.	1954
Chinner, Melville Ernest, M.D. (M.B.,		†Clezy, Trevor Munro, M.B., B.S.	1958
B.S., 1925)	1938	Clift, Lawrence Henry Marcus, B.A.	1951
*Chisholm, Neil Leslie, B.E.	1954	Clisby, Robert Leonard, B.E.	1954
†Chittleborough, Glen, B.Sc.	1956	Clode, Ailsa Marjorie, B.A.	1928
Chittleborough, Jeffrey David, B.Sc.	1951	Close, Frank William, B.Sc.	1931
†Chittleborough, John Lincoln, B.E.	1956	Close, Mary Frances, B.A.	1940
Chittleborough, Laurel Evelyn, B.A.	1947	Close, Maynard Davidson, B.A.	1938
Chittleborough, Robert Graham, M.Sc.	1952	Close, Ronald Wilkinson, B.Sc.	1929
Chmeliauskas, Stasys, B.A. (Ph.D.		Close, Rosemary Jocelyn, M.B., B.S.	1947
Leipzig, 1944)	1954	Close, Walter John Westcott, M.S.	
Choate, Max Paul, B.A.	1950	(M.B., B.S., 1913)	1929
†Chong, Yoon Hin, B.Sc.	1958	†Clothier, Eric Andrews, B.E.	1958
†Choo, Chek Juan, B.Ec.	1956	Coaldrake, John Edward, M.Sc.	1951
†Choo, Soo Bin, B.D.S.	1957	†Coat, Jillian Irene, B.Ec.	1958
Christie, Basil James Frederick, Ph.D.		Coates, Dorothy Ravelle, M.B., B.S.	1949
(B.Sc., 1953)	1958	Coates, John Hewlett, Ph.D.	1958
Christie, Margaret, B.A.	1945	Coates, John Richard, M.B., B.S.	1944
Christie, Patrick Joseph, LL.B.	1925	Coats, Claude Hampson, M.A.	1929
Christie, William, M.B., B.S.	1925	Coats, Douglas Alan, M.B., B.S.	1946
Christophers, Barry Eastwood, M.B.,		Coats, Geraldine Dulcie, B.Sc.	1951
B.S. (Melbourne, 1945)	1956	†Coats, Lloyd Stewart, M.B., B.S.	1957
Christophersen, Jack Vivian, B.D.S.	1927	Cochrane, Gordon Ross, M.A. (New	
Church, Jack Raymond, B.Sc.	1949	Zealand, 1955)	1957
Church, John Henry, M.A.	1934	Cock, Alexa Beatrice, B.A.	1921
Church, Keith Neville, B.E.	1951	Cock, Herbert Edward, B.D.S.	1941
Churchward, Spencer, M.A.	1903	Cock, Leonard Ambrose, M.B., B.S.	1932
Churchward, Stella Mary, B.Sc.	1904	Cockburn, Andrew Syme, M.B., B.S.	1954
†Cibiras, Stasys, LL.B.	1958	Cockburn, Malcolm Turner, M.D.	
Cilento, Sir Raphael West, M.D. (M.B.,		(M.B., B.S., 1925)	1934
B.S., 1918)	1922	†Cockburn, Malcolm, B.Ec.	1958
Clapp, Cedric Norman, B.D.S.	1938	Cockburn, Patricia, B.A.	1944
Clapp, Kevin Hubert, B.Sc.	1947	Cockburn, Patrick, M.B., B.S.	1914
Claridge, Philip George Brian, B.E.	1954	Cockburn, Robert Forbes, B.E.	1933
*Clark, Allan David Everett, B.A.	1935	†Cockburn, Robert Francis, B.E.	1957
Clark, Annie Winifred, M.B., B.S.	1922	Cocks, Alan Malcolm Vawdrey, M.B.,	
Clark, Archie Septimus, B.Sc.	1900	B.S.	1946
*Clark, Edward Vincent, B.Sc.	1955	Cocks, Alec Douglas, B.D.S.	1924
Clark, Eunice Jean, B.Sc.	1952	Cocks, Alfred Sydney de Bohun, M.S.	
Clark, Helen Goldthorp, M.Sc.	1948	(M.B., B.S., 1925)	1939
Clark, Henry William, B.A.	1951	Cocks, Bruce Gordon, B.D.S.	1952
Clark, Hugh Rodney, M.E.	1938	Cocks, Edward Desmond, M.B., B.S.	1942
Clark, James Blyth, LL.B.	1953	†Cocks, Keith Trestrail, B.Ec.	1956
Clark, John Francis, B.D.S.	1922	Cocks, Sydney Gordon, B.D.S.	1925
Clark, John Osborne, LL.B.	1941	Coffey, Dennison Dean, LL.B.	1953
Clark, John Symonds, B.E.	1951	Coggins, Harold Douglas, B.Sc.	1951
Clark, Lesley Helen, B.Sc.	1955	Coggins, Robert Symes, B.Sc.	1949
Clark, Mary Patricia, B.A.	1951	B.A.	1954
Clark, Pauline, B.Sc.	1948	Coghlan, Brian Laurence Dillon, Ph.D.	
Clark, Robert John, LL.B.	1933	(Birmingham, 1957)	1958
Clark, William Raymond, B.E.	1951	Coghlan, Marie Teresa Clare, B.A.	1928
Clarke, Allan Lawrence, B.Ag.Sc.	1952	Cohen, Alexander Kevin, M.B., B.S.	1950
Clarke, Andrew Michael Fausset, M.B.,		†Cohen, Brian Garland Dunstan, M.B.,	
B.S.	1951	B.S.	1957
Clarke, Brian Russell, B.Sc.	1945	Cohen, Harry, M.B., B.S.	1955
†Clarke, Geoffrey David, B.D.S.	1956	Cohen, Lena Sybil, B.A.	1934
Clarke, Harold Vernon, B.D.S.	1934	Colby, Eunice Mary, B.Sc.	1949
Clarke, Miles de Courcy, M.B., B.S.	1942	Cole, Anthony Haslam, B.Sc.	1953
Clarke, Phil Gregory, B.A.	1948	Cole, Cyril Richard, B.Sc.	1914
Clarke, Reginald Harry, B.Sc.	1939	†Cole, Joan Margaret, B.Sc.	1957
B.A.	1942	Cole, Jonathan Haslam, B.A.	1954
Clark-Lewis, John William, Ph.D.		Cole, Reuben Herbert George, B.Sc.	1950
(Nottingham, 1951)	1956		

* Deceased.

† Not yet Members of the Senate.

Cole, Robert Henry, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Coote, George Gilbert, B.Sc.	1931
Cole, Thomas Haslam, LL.B.	1922	B.A.	1939
Colebatch, Gordon Thomas, B.E.	1932	Cooter, Robert Benjamin, M.B., B.S.	1952
Colebatch, Hal John Hester, M.B., B.S.	1951	Copland, Sir Douglas Berry, LL.D. (McGill, Clark, Carleton, British Columbia)	1958
Colebatch, John Houghton, M.B., B.S.	1933	Copley, Jonathan Richard Livingstone, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1948
Colebatch, Walter John, B.Sc. (Edinburgh, 1903)	1906	Corbin, Cecil, M.B., B.S.	1894
Coleman, Arthur Paul, B.E.	1948	Corbin, Clive Wilson, B.E.	1932
Coleman, Arthur Philemon, M.A. (Victoria University, Canada, 1880)	1914	Corbin, Horace Hugh, B.Sc. (London, 1904)	1918
Coleman, Isobel Beryl Jean, B.A.	1939	Corbin, John Ogilvie, M.B., B.S.	1938
Coleman, James Terence, LL.B.	1952	Corbin, Katherine Anne, LL.B.	1941
Coleman, Margaret Christine, B.A.	1945	Cormier, Kathleen, B.A.	1943
Coles, Margaret Elizabeth, B.Sc.	1945	Cornelius, Muriel Merle, B.A.	1951
Coles, Mignonette, B.A.	1912	Cornell, James Gladstone, M.A. (Melbourne, 1928)	1938
Coles, Philip Douglas, B.A.	1936	†Cornell, Philippa Sinclair, B.A.	1956
†Collins, Allen Geoffrey, M.B., B.S.	1956	Corney, Eric Ronald, M.A.	1937
Collins, Charles Vincent, B.A.	1931	Cornish, Alan Alfred Ernest, B.E.	1939
Collins, Frank Miles, M.Sc.	1952	Cornish, Anne Claire, B.A.	1949
Collins, Frank Sandford, B.E.	1942	Cornish, Brian Leslie, M.B., B.S.	1947
Collins, John Malcolm, M.B., B.S.	1952	Cornish, Edmund Alfred, D.Sc.	1951
Collins, Leslie William Nettell, B.E.	1931	Cornish, Jack Rodolph, LL.B.	1928
Collins, Marjorie Isabel, B.Sc. (Sydney, 1916)	1918	Cornish, John Edwin, B.Sc.	1943
†Collison, Bayfield Ian, LL.B.	1958	*Cornish, Joseph Ruskin, M.B., B.S.	1923
*Collison, Edith, B.Sc.	1900	Corpe, John Wood, B.E.	1935
Colman, William Russell Goodwin, B.E.	1922	Correll, Shirley Edith, B.A.	1953
†Colquhoun, Lindsay Talbot, B.D.S.	1956	Corry, Samuel Lloyd, M.B., B.S.	1910
Colquhoun, Thomas Talbot, M.Sc. (Melbourne, 1929)	1933	Cosgrove, Bernard Augustin, B.A.	1942
Colton, John Blacker, LL.B.	1941	Cosh, Elma, B.A.	1944
Colton, Robert Stirling, M.B., B.S.	1944	Cosh, James Malthouse, B.A.	1943
Colville, Arthur Landseer, LL.B.	1905	Cosh, Joyce Rosalind, B.A.	1949
Colville, John Stuart, M.Sc.	1956	†Cossich, Lorraine, B.A.	1957
Comley, Charles Herbert, M.A.	1906	Cottell, Dorothy Jean, B.A.	1940
B.Sc.	1910	Cottew, Geoffrey Selkirk, B.Sc.	1949
Conant, James Bryant, D.Sc. (Sc.D. Columbia)	1951	Cotton, James Murray, M.B., B.S.	1926
Condon, Robert Francis, B.Sc.	1940	Cotton, John Carrington, B.Sc.	1951
M.B., B.S.	1946	Cotton, Paul Leon, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
†Conley, William Michael, B.Ag.Sc.	1958	Cottrell, Eric, B.E.	1935
Connor, Brian Anthony, M.B., B.S.	1953	Coulls, Brian Helston, B.Sc.	1950
Connor, John Leo, B.A.	1935	†Coulter, John Richard, M.B., B.S.	1956
Conroy, Keith Douglas, B.E.	1952	Coulter, Wilfred Neil, B.E.	1954
Conybeare, William James, B.A. (Cambridge, 1894)	1895	†Coulthard, Robert John, M.B., B.S.	1958
Cook, Adrian Hartley, B.A.	1952	Counsell, Ruth Kingsley, B.A.	1951
Cook, Ernest Peter, B.E.	1929	Couche, Raymond Arthur, B.Sc.	1949
Cook, Gordon James, B.E.	1941	Coventry, Cameron Hilder, B.Sc.	1900
Cook, Hugh David, M.B., B.S.	1953	Covernton, John Selby, M.D. (M.B., B.S., 1931)	1947
†Cook, Ronald Bruce, B.E.	1957	*Cowan, Sir Darcy Rivers Warren, M.B., B.S.	1908
Cooke, Allan George, B.E.	1945	Cowan, George Dalrymple, LL.B.	1911
B.Sc.	1952	Cowan, Leslie Thompson, B.Sc.	1907
Cooke, Barbara Ternent, B.Sc.	1936	Cowan, Robert Francis, B.A.	1912
Cooke, David John, B.E.	1954	Cowan, Ronald William Trafford, B.A.	1936
Cooke, Florence Emmeline, Mus.Bac.	1900	Cowan, William Albert, M.A. (N.Z., 1930)	1934
Cooke, Frank Edward, B.Sc.	1950	Coward, Ivan Fernley, B.Ec.	1940
Cooke, Peter Ternent, B.Sc.	1931	B.A.	1951
Cooke, Raymond Greayer, M.Sc.	1938	Cowden, Kenneth Laurence Brooke, M.B., B.S.	1932
†Cooke, Theodore John Lloyd, M.B., B.S.	1956	Cowell, Dorothy Margaret, B.A.	1941
*Cooke, William Ternent, D.Sc.	1905	Cowell, Geoffrey Reginald, B.Sc.	1922
Cooling, Max Sylvester, M.B., B.S.	1944	†Cowell, James Howard, B.Ag.Sc.	1958
Coombe, Alec Holloway, M.A.	1933	Cowell, James Richard, B.A.	1939
Coombe, Bryan George, M.Ag.Sc.	1957	Cowley, George Russell, B.E.	1949
Coombe, Harold Robert, B.D.S.	1923	Cowley, John Maxwell, D.Sc. (M.Sc., 1945)	1957
Coombe, Murray Taylor, B.Sc.	1942	Cowling, Brian Deucalion, M.B., B.S.	1948
Coombe, Reginald Joseph, LL.B.	1923	Cowling, Gordon Aubrey, B.E.	1928
Coombe, Robert John, B.D.S.	1950	Cowling, Lionel Deucalion, M.B., B.S.	1923
Coombe, Samuel Walter, B.A.	1919	†Cowper, Ronald George, B.Tech.	1958
Coombe, Toderick Edward, B.D.S.	1952	Cowperthwaite, Elsie Eleanor, M.A.	1906
Coonan, Edward Raymond, B.Ec.	1955	Cox, Alwyn Birchmore, M.Sc.	1932
†Cooney, James Marcus, B.Tech.	1958	†Cox, Bernard John, B.E.	1956
Cooper, Adrian Harry Campbell, B.A.	1935	Cox, Brian Rohwell, LL.B.	1953
Cooper, Catherine Margaret LL.B.	1954	Cox, Carlton Ingham, B.Sc.	1929
Cooper, Constance May, M.B., B.S.	1904	Cox, David Vassall, Mus.Bac.	1936
Cooper, Donald Counter, M.B., B.S.	1921	Cox, David William, B.Sc.	1934
Cooper, Kenneth Francis, M.B., B.S.	1929	Cox, John Samuel Tweedale, M.B., B.S.	1955
Cooper, Maxwell, B.Sc.	1950	Cox, Norman Charles, B.E.	1951
Cooper, Thomas Edwards, B.E.	1922		
Cooper, Wilfred Windham, B.E. (B.Sc., 1911, surrendered for B.E., 1913)	1913		

* Deceased.

† Not yet Members of the Senate.

Cox, Ronald Frank, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1948	Culver, Dorothy Evelyn, B.Sc.	1945
Cox, Rudolph William Arthur, B.E.	1921	Culver, Robert, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Cox, William Frederick, B.Sc.	1955	B.Sc.	1949
Crabbe, Gavin Murray, M.B., B.S.	1927	Culver, Roy Vernon, Ph.D. (B.Sc., 1940)	1955
Crafter, Kenneth Charles, M.B., B.S.	1944	†Cumpston, Graham Neil, M.B., B.S.	1958
Craig, William Alexander, B.E.	1950	Cunningham, Mark Laurence, M.B. B.S.	1953
Craker, David Lindsay, B.Sc.	1951	Curnow (nee Gilham), Doreen, B.A.	1950
Craker, John Melville, B.Sc.	1954	LL.B.	1958
B.E.	1956	Curry, Allan Ralph, B.E.	1949
Cramond, Kelvin Malcolm (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	1945	Cusack, John Charles, B.Sc.	1954
Cramond, Margaret Mary Alyn, B.A.	1952	Cussen, Nan Woodforde, B.A.	1935
Crampton, Mary Hope St. Clair, M.A.	1926	Custance, Harold Maxwell, B.Sc.	1941
Gran, James Alexander, M.D.S.	1952	Custance, John Kentish, B.E.	1947
Crane, Alexander Herbert, B.Sc.	1926	Cuthbertson, Kenneth John MacKenzie, B.Ag.Sc.	1953
Crane, Greta Ruby, B.Ec.	1937	D.	
Crane, Neil Raymond, B.Sc.	1954	Dack, Thomas, B.A.	1936
Cranley, Patrick, M.B., B.S.	1952	Daddow, Henry Howard, B.A.	1940
Craton, Patricia Clarice, B.A.	1948	Daenke, Lachlan Lewis, B.D.S.	1950
Craven, David Edward, M.B., B.S.	1943	Daily, Brian, Ph.D. (B.Sc., 1952)	1957
Crawford, Lionel Payne, M.A. (Oxford, 1890)	1897	Dallwitz, Walter Berthold, B.A.	1940
Creed, Philip John, M.B., B.S.	1950	M.Sc.	1943
Creeth, James Michael, Ph.D. (London, 1948)	1955	†Dally, Frederick George, M.B., B.S.	1956
Cresswell, Edwin Fletcher, B.E.	1927	†Dally, John Alton, B.A.	1956
Cresswell, George Edwin, LL.B.	1939	Daltry, Kate, M.A.	1924
†Cresswell, Harry Richard, B.Ec.	1956	Daly, David James, M.B., B.S.	1952
Cresswell, Reginald Gilbert Dorrien, LL.B.	1937	Daly, Lawrence John, B.E.	1951
Crisp, Brian Correll, M.D.S.	1952	Daly, Lewis John, B.A.	1953
Crisp, Charles Stephens, B.Sc.	1948	Daly, Lyndsay James, M.B., B.S.	1954
Crisp, Colin Francis Correll, B.E.	1954	Dalziel, Lawrence Henry, B.A.	1949
Crisp, John Douglas Correll, M.E.	1956	Daniell, Aileen Edna, B.A.	1950
Crisp, Leslie Finlay, M.A.	1948	†Daniels, Brian William, M.B., B.S.	1957
Crisp, Margaret Emily, M.Sc.	1950	Darling, Leslie Hayward, M.Sc.	1949
Crocker, Dudley Furneaux, B.E.	1939	Darr, David James, B.Sc.	1955
Crocker, Robert Langdon, D.Sc.	1948	Darragh, Peter John, B.Sc.	1950
Crocker, Walter Russell, B.A.	1925	†Darskus, Rolf Ludwig, B.Sc.	1958
Croft, Edwin George, LL.B.	1952	Dart, Ralph John, B.E.	1915
Croker, Annie Isobel, B.A.	1934	Darwin, Errol Raffael Henry, B.Sc.	1907
Cromer, D'Arcy Ananda Neil, M.Sc.	1935	Darwin, Lisle Julius, M.A.	1910
Crompton, David Owen, M.B., B.S.	1939	Davenport, John, M.B., B.S.	1952
Crompton, James Woodhouse, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949	Davey, Constance Muriel, M.A.	1918
Crompton, Robert Woodhouse, Ph.D. (B.Sc., 1948)	1954	Davey, Esther Marion, B.Sc.	1915
Crook, Marjorie Marion, B.A.	1940	Davey, Laurence Llewellyn, M.B., B.S.	1913
Crook, Richard Dallas, B.Sc.	1940	Davey, Roy Herbert, B.Sc.	1920
Crook, Walter Ralph, B.E.	1953	Davey, Victor Stanley, B.E.	1955
†Cropley, Arthur John, B.A.	1957	David, Daniel Arthur, M.A.	1930
Cropley, Frederick Waterton, B.E.	1932	David, John Fairhall, B.A.	1952
Crosby, Melville Alexander Keith, M.E.	1944	B.Ec.	1955
Crosby, Neil Daniel, M.D. (M.B., B.S., 1935)	1951	Davidson, James Logie, M.Ag.Sc.	1956
Crosby, Raymond Wilbur Louis, M.B., B.S.	1940	Davidson, Robert Thomas, M.B., B.S.	1951
†Cross, Jack, B.A.	1957	Davidson, Roy Laidlaw, B.A.	1907
Cross, Kenneth Gustav Walter, B.A. (Dublin, 1951)	1956	Davie, Robert Samuel, B.E.	1955
†Crouch, Shirley Joan, B.Sc.	1958	†Davies, Cathrine Margaret, B.A.	1957
Croucher, Colin, M.B., B.S.	1950	Davies, Clive Runnalls, B.A.	1909
Crouchley, Jim, M.Sc. (B.Sc., W. Aust.)	1945	Davies, David Llywelyn, M.B., B.S.	1943
Crowe, Brian Roonev, LL.B.	1952	Davies, Donald John, B.E.	1955
†Crowe, Dean Salter, B.E.	1957	Davies, Donald Laurence, B.E.	1951
Crowe, Elizabeth Mary, B.A.	1951	Davies, Ernest Salter, M.A. (Oxford, 1941)	1937
†Crowe, Noel Raymond, LL.B.	1957	Davies, Myfyr Bryn, M.A. (Oxford, 1941)	1953
Crowley, Neil Clarence, Ph.D. (M.Sc., 1954)	1957	*Davies, Natalia, B.A.	1930
Crozier, John Edwin Digby, M.D. (Cambridge, 1931)	1932	Davies, Norma Esther, M.B., B.S.	1953
Cruickshank, Donella Heather, M.Sc.	1943	Davies, Peter Owen Alfred Lawe, B.E. (Sydney, 1947)	1951
Crump, Cecil Charles, LL.B.	1923	Davies, Rodney Deane, M.Sc.	1953
B.A.	1935	Davies, Sheila Caroline, B.A.	1948
*Cudmore, Sir Arthur Murray, M.B., B.S.	1894	Davies, William Laurence, B.A.	1914
Cudmore, Sir Collier Robert, B.A. (Oxford, 1909)	1932	Davis, Brian, B.Ec.	1955
Cullity, Thomas Brendan, M.B., B.S.	1947	Davis, Christine Joyce, B.A.	1937
Culshaw, George Vincent, LL.B.	1927	Davis, Clive, B.Sc.	1951
		Davis, David, B.A.	1906
		Davis, Edward Bruce, B.Sc.	1949
		Davis, Frederick Harry, B.A.	1955
		Davis, Harold Julian, M.B., B.S.	1927
		Davis, Henry Hargan, B.E. (Sydney, 1943)	1947
		Davis, Hubert Garth, M.B., B.S.	1937
		Davis, John Alexander, B.E.	1929
		Davis, Kingsley, B.E.	1950
		Davis, Margaret Lily, B.A.	1955
		Davis, Ray, B.Sc.	1915

* Deceased.

† Not yet Members of the Senate.

Davis, Robert Bruce, B.A. - - -	1948	Dinham, Charles Anthony, B.E. - - -	1952
Davis, Robert George, B.Sc. - - -	1951	Dinning, Alfred Ernest, B.A. - - -	1915
*Davison, Gordon William, B.A. - - -	1931	Dinning, Rodney Alfred Brady, B.A. -	1950
Davoren, John Joseph, LL.B. - - -	1922	Dinning, Trevor Alfred Ridley, M.B.,	
Davy, Arthur Francis, B.D.S. - - -	1951	B.S. - - - - -	1942
†Daw, Arthur Baden Secombe, B.Ec. - -	1957	*Disher, Ian MacKinnon, B.D.S. - - -	1943
Daw, Francis Alan, B.Sc. - - - - -	1945	Disney, Patrick Canning Wemyss, M.A.	
Dawbarn, Mary Campbell, M.Sc. - - -	1928	(Oxford, 1934) - - - - -	1954
Dawes, Walter Ernest, B.A. - - - - -	1954	Dix, Alfred James, B.E. - - - - -	1930
Dawkins, Albert Norman, B.E. - - - -	1922	†Dixon, John, B.Ec. - - - - -	1957
Dawkins, Alec Letts, M.B., B.S. - - -	1927	Dixon, Lyall Douglas, M.A. - - - - -	1931
Dawkins, Alfred Ernest, B.Sc. - - - -	1912	Dixon, Peter, M.A. (London, 1956) -	1958
Dawkins, Donald Campbell, M.B., B.S.	1939	Doble, William Devon, B.E. (Sydney,	
*Dawkins, Lindsay Cramp, B.E. - - -	1932	1943) - - - - -	1957
Dawkins, Margaret Ina, B.A. - - - -	1938	Dobson, Leslie Constance Alma, B.A.	
Dawkins, Sydney Letts, M.B., B.S.		Dodd, Leslie, B.A. - - - - -	1947
(Edinburgh, 1899) - - - - -	1920	Dodd, Robert Hedley, B.A. - - - - -	1931
Dawson, Alfred Lisle, B.Sc. - - - - -	1926	Doddridge, Albert Keith, M.B., B.S. -	1953
Dawson, David Lancelot, B.A. - - - -	1934	Dodwell, David, B.A. - - - - -	1955
Dawson, Geoffrey Dean, B.E. - - - -	1937	Dodwell, George Frederick, B.A. - - -	1905
Dawson, Joseph Bernard, M.D. (Lon-		Dohnt, Brian Ray, B.Sc. - - - - -	1945
don, 1911) - - - - -	1920	Doley, Maurice Edward, B.E. - - - -	1939
Dawson, Michael Dean, M.B., B.S. - -	1942	Dolling, Charles Hoani Scott, B.Ag.Sc.	
†Dawson, William Inglis, M.B., B.S. -	1957	Dolling, Eleanor Ngare, B.Sc. - - - -	1950
Day, Alison Chapman, B.Sc. - - - - -	1947	Doman, Frederick Spencer Howe,	
Day, Allan John, M.Sc. - - - - -	1950	M.B., B.S. - - - - -	1949
M.D. (M.B., B.S., 1954) - - - - -	1957	Donald, Colin Malcolm, M.Ag.Sc.	
Day, Graham John, B.D.S. - - - - -	1951	(B.Sc. Agric. Sydney, 1933) - - -	1939
Day, John Bice, B.D.S. - - - - -	1944	Donaldson, Arthur, B.A. - - - - -	1881
Day, Kathleen Emily, B.Sc. - - - - -	1931	Donaldson, George, B.A. - - - - -	1882
Day, Robert Sydney, M.B., B.S. - - -	1934	Donaldson, Muriel Grace, B.A. - - -	1934
Deam, Robert Joseph, B.Sc. - - - - -	1942	Donnellan, Teresa Marie, B.A. - - -	1945
†Deacon, Glen Berenger, B.Sc. - - - -	1957	Donnelly, Thomas Hewson, M.B., B.S.	
Deans, Absalom, B.A. - - - - -	1912	Donnelly, Thomas Hugh, M.B., B.S. -	1911
Dearlove, Thomas Pearce, M.B., B.S.	1942	*Donnithorne, William, LL.B. - - - -	1926
Dearman, Cyril Henry, B.E. - - - - -	1950	Donovan, Francis Patrick, LL.B.	
De Boehme, Cecil Brooks, LL.B. - - -	1931	(B.C.L., Oxford) - - - - -	1952
De Cenn, Neil, B.E. - - - - -	1951	Donovan, Mortimer Edward, M.B.,	
Deer, John Gregory, B.Sc. - - - - -	1948	B.S. - - - - -	1946
Deer, William Henry, B.E. - - - - -	1950	Doolan, Ernest Joseph, B.A. - - - -	1944
Deland (nee Robjohns), Annie Joan,		Doolette, John Barton, B.Ag.Sc. - - -	1951
B.A. - - - - -	1923	Dore, Frederick Arthur, B.Sc. - - - -	1951
Deland, Charles Mervyn, M.B., B.S. -	1924	Dorman, David Charles, B.Sc. - - - -	1950
Deland, Curtis George, M.B., B.S. - -	1955	Dornan, John Ernest, M.B., B.S. - - -	1940
Deland, Peter Leonard, B.Sc. - - - - -	1955	Dornwell, Edith Emily, B.Sc. - - - -	1885
Deland, Raymond John, B.Sc. - - - - -	1947	Dorsch (nee Heyne), Agnes Marie	
Dellow, Peter Glynn, B.D.S. - - - - -	1949	Johanna, B.A. - - - - -	1891
M.B., B.S. - - - - -	1957	Dorsch, Ernst Georg, B.A. - - - - -	1915
Delmont, William George, B.D.S. - - -	1932	Dorsch, Magdalene Hedwig, B.A. - - -	1926
Delprat, Lica, M.B., B.S. - - - - -	1910	Dorsch, Theodor Siegfried, B.A. - - -	1933
Delprat, Mary Johanna Alberta Theo-		Dorsch, Wilhelm Bernhard, M.B., B.S.	
dora, M.B., B.S. - - - - -	1909	Doudy, Cecil Roy, LL.B. - - - - -	1906
Dempsey, Richard Francis, LL.B. - - -	1888	Douglas, Donald Robin, B.Sc. - - - -	1949
Denby, Ernest Frank, B.Sc. - - - - -	1951	Douglas, Francis John, M.B., Ch.B.	
†Denning, Patricia Joan, B.A. - - - -	1958	(Melbourne, 1897) - - - - -	1898
Dennis, William Norman, B.Sc. - - - -	1951	†Douglas, Frank Nugent, M.B., B.S. -	1956
Dennis, Alan Henry, B.A. - - - - -	1936	Douglas, Hugh Matheson, M.B., B.S. -	1947
Dennis, Barbara Joan, B.Sc. - - - - -	1955	Douglas, Robert Langton, M.A. (Ox-	
Dennis, Edwin, B.Sc. - - - - -	1950	ford, 1891) - - - - -	1900
†Dennis, William John Allenby, B.Sc. -	1956	Douglas, Sholto John, M.B., B.S. - - -	1930
†Dent, Marjorie, B.A. - - - - -	1956	Dow, Ian Baird, LL.B. - - - - -	1953
Denton, James Graham, M.B., B.S. - -	1954	Dow, Lorna Ruth, M.B., B.S. - - - -	1954
Denton, Noel Fletcher, M.B., B.S. - -	1945	Dow, William Harold John, B.Sc. - - -	1949
Derrington, Arnold Ward, M.B., B.S. -	1947	†Dowbina, Jaroslav, B.E. - - - - -	1953
Devaney, Helen, LL.B. - - - - -	1942	Dowding, Alan Lorimer, B.Sc. - - - -	1950
de Vedas, Jack, M.B., B.S. - - - - -	1938	Dowdy, Norman James, B.A. - - - -	1948
Dew, Ian Albert, B.Sc. - - - - -	1953	Dowie, David Lincoln, M.E. - - - - -	1935
Dewar, Colin Chudleigh, M.B., B.S. -	1949	Dowie, Donald Alexander, M.B., B.S. -	1954
Dewar, Donald Gordon, B.E. - - - - -	1952	Dowling, Donald Augustus, M.B., B.S.	
Dewar, John, B.Sc. (Eng.) - - - - -	1945	Downey, Donnell Raymond, LL.B. - - -	1930
Diamond, Arthur Ian, B.A. - - - - -	1952	Downing, Bruce Jacob, M.B., B.S. - -	1953
Dickson, Warren, B.A. - - - - -	1949	*Downing, Donald Lewis, B.Sc. - - -	1944
Dibden, Frederick Andrew, M.B., B.S.	1941	Downing, Robert Gregory, M.B., B.S.	
Dibden, William Andrew, M.B., B.S.	1939	Downs, Benjamin, M.E. (Liverpool,	
Dick, Gordon Stuart Blyth, B.Sc. - -	1923	1947) - - - - -	1949
†Dickson, Ronald Stanley, B.Sc. - - -	1958	Downs, George William, B.A. - - - -	1947
Dietman, Clarence Charles, M.B., B.S.	1954	Downs, Howard Albert, B.A. - - - -	1949
Digance, James Roy, B.A. - - - - -	1945	Doyle, Leo James, LL.B. - - - - -	1931
Diggle, John Nelson, M.B., B.S. - - -	1946	Drabsch, Alfred Felix, B.A. - - - -	1941
Dilworth, Nerida Margaret, M.B., B.S.	1950	Draper, Fred, B.Sc. - - - - -	1924
Dineen, Desmond Patrick, M.B., B.S.	1952	Draper, Morrell Henry, M.B., B.S. -	1944
Dineen, John Kenneth, Ph.D. (B.Sc.,		Draper, Neil, B.E. - - - - -	1953
1951) - - - - -	1957	Draper, Ronald Philip, Ph.D. (Notting-	
†Dingle, Ian Ridgway, B.D.S. - - - -	1957	ham, 1953) - - - - -	1956
†Dingle, Margaret Jennifer, B.A. - - -	1958		

* Deceased.

† Not yet Members of the Senate.

Drever, Donald Edward, M.B., B.S. -	1926	Earl, Dorothy Elizabeth, B.A. (London, 1915) -	1917
Drever, Ian Campbell, M.B., B.S. -	1951	Earl, John Alfred, M.B., B.S. -	1949
Drew, Charles Francis, M.B., B.S. -	1911	Earl, John Campbell, D.Sc. -	1926
Drew, David Charles Roskilly, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) -	1947	Earle, Ronald Frank, B.E. -	1952
Drew, Michael John Roskilly, M.B., B.S. -	1951	East, Vernon Roy, B.A. -	1943
Dridan, Julian Randal, B.E. -	1922	†Easton, Frederick William Spencer, M.B., B.S. -	1956
Driscoll, Hilda Marion, B.A. -	1908	†Eaton, Heather Campbell, B.A. -	1957
Drummond, Euphemia Gibb, B.A. -	1923	†Eaton, Raymond George, B.Ec. -	1956
Ducray, Oliver Francis, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) -	1947	Eberhard, Sydney Thomas, B.Sc. -	1944
Ducray, Suzette Eleanor, M.B., B.S. -	1949	Ehlen, Colin Dominic, B.D.S. -	1951
Dudley, Keith, B.E. -	1953	†Eckermann, Francis Marie, B.A. -	1958
†Dudman, Roy Howard, B.Ec. -	1958	Eckersley, Arnold Broughton, B.D.S. -	1938
Dudzinski Miroslaw Leonard, B.Ec. -	1955	Eckersley, Percy Cyril Wheaton, B.A. -	1921
Duffield, Kenneth Churchill, LL.B. -	1925	Eddy, David Rendall, B.Sc. -	1949
Duffv, Ross Martin, LL.B. -	1951	Eddy, James Robert, B.Sc. (Eng.) -	1942
Duguid, Andrew Melville, B.Sc. -	1954	Edelman, Howard John, M.B., B.S. -	1939
Duguid, Charles, M.B., B.S. (Glasgow, 1909) -	1920	Eden, Owen Frederick, B.Sc. -	1947
Duguid (nee Lade), Phyllis Evelyn, B.A. -	1925	B.A. -	1954
†Duguid, Rosemary, Lillian, B.A. -	1958	Edeson, Emily Geraldine, M.A. (Melbourne, 1895) -	1902
Duguid, William George, M.B., B.S. -	1948	†Edgar, Heather Mary, B.A. -	1957
†Dulmanis, Ausman Biruta, B.Sc. -	1958	Edgar, Oscar Patrick, M.B., B.S. -	1955
Dumas, Sir Russell John, M.B. (B.Sc. 1909, surrendered for B.E., 1913) -	1931	Edgar, Robert Steel, M.Sc. -	1945
†Duncan, Andrew Kenneth, B.Sc. -	1957	Edge, Robert Harold, B.Sc. -	1952
Duncan, James Playford, M.E. -	1954	Edgeclote, Victor Allen (Clerk of the Senate), B.A. -	1932
Duncan, Keith Sinclair, B.E. -	1922	Edgerley, Margaret Janetta, B.A. -	1927
Duncan, Robert Allan, B.Sc. -	1951	Edgerley, Mark William, B.Sc. -	1950
Duncan, Robert Lawrence, B.E. -	1951	Edmonds, Stanley Joe, Ph.D. (M.Sc., 1947) -	1958
Duncan, Ross, M.A. -	1952	B.A. -	1935
Duncan, Walter George Keith, Ph.D. (London, 1930) -	1951	*Edwards, Allan Kingswood Morgan, B.Sc. -	1930
Duncan-Hughes, John Grant, M.A. (Cambridge, 1910) -	1910	Edwards, Gordon Robert, B.Ag.Sc. -	1949
Dungey, Kevin Leonard, B.A. -	1943	†Edwards, Graham William, B.E. -	1957
Dunhill, Sir Thomas Peel, M.D. (Melbourne, 1906) -	1935	Edwards, Hurtle Thomas Jack, D.D.Sc. (B.D.S. 1921) -	1923
Dunlevie, Ellen Emily, B.A. -	1927	Edwards, Karl Francis, M.B., B.S. -	1932
Dunlop, Colin Wesley, M.Sc. -	1955	Edwards, Naomi June, B.D.S. -	1944
Dunlop, Walter James, B.A. -	1952	Edwards, Pamela Julie, M.B., B.S. -	1951
Dunn, David Everson, M.B., B.S. -	1951	Edwards, Shirley Blanche, B.Sc. -	1944
Dunn, Edith Marie, B.A. -	1940	Edwards, Victor Wilfred Alcorn, B.A. -	1948
Dunn, John Edgar, M.B., B.S. -	1952	Eggleton, David Grosvenor, M.Sc. -	1956
Dunn, Peter Charles, B.E. -	1954	Eggleton, Felicity Janet, B.A. -	1955
Dunn, Sydney Stephen, B.A. -	1947	Eglinton, Margi Stewart, B.Sc. -	1945
Dunn, Talbot Lewis, M.B., B.S. -	1927	Ehmcke, Freda Evelyn, M.B., B.S. -	1931
Dunne, Lawrence John, B.Sc. -	1947	Eimer, George Herman, B.E. -	1937
Dunning, John Angus, M.A. (Oxford, 1937) -	1950	Elder, Audrey Olive, B.A. -	1945
†Dunning, Robert Grant, B.A. -	1957	Eldridge, David Melbourne, M.B., B.S. -	1948
Dunstan, Bruce Henderson, B.D.S. -	1951	Eley, Agnes May, B.A. -	1944
Dunstan, Donald Allan, LL.B. -	1949	Eley, John Robert, B.Sc. -	1947
Dunstan, Ian Henderson, B.D.S. -	1950	Elford, Harold Stewart, B.E. -	1925
Dunstan, Richard English, M.B., B.S. -	1951	Elford, Malcolm Thomas, Ph.D. (B.Sc., 1953) -	1958
Dunstone, David Darroch, M.B., B.S. -	1954	Elford, William Graham, Ph.D. (B.Sc., 1947) -	1955
Dunstone, Glen Donald, B.D.S. -	1946	†Elhay, Isaac Jacques, B.A. -	1956
Dunstone, John Leonard, M.B., B.S. -	1939	Elix, David Llewellyn, B.E. -	1939
Dunstone, Max Warwick, M.B., B.S. -	1948	Elix, Ralph Louis, M.B., B.S. -	1954
Dunstone, Sydney Morgan Lewis, M.B. B.S. -	1939	Elix, Robert Hugo, M.B., B.S. -	1938
Durdin, Ronald Walter, B.E. -	1951	†Elix, Robin Guion, B.E. -	1957
Durham, James Graham, M.B., B.S. -	1951	Elliott, Brian Robinson, D.Litt. (B.A., 1931) -	1955
Durie, Robert Alan, B.A. -	1955	*Elliott, Keith, LL.B. -	1934
Dukieu, Beverley Robertson, B.Sc. -	1949	Elliott, Kenneth Alexander, B.Ag.Sc. -	1932
Dutton, Alan Hewitt, B.E. -	1938	Elliott, Lionel John, LL.B. -	1936
Dutton, Alice Irene, M.B., B.S. -	1940	Elliott, Murray William, M.B., B.S. -	1943
Dutton, Gilbert Henry, B.Sc. (Wales, 1902) -	1921	†Elliott, Robert Bartlett, M.B., B.S. -	1956
Dutton, Geoffrey Piers Henry, B.A. (Oxford, 1949) -	1953	Elliott, Ronald Donovan, LL.B. -	1931
Dwyer, John Matthew, M.B., B.S. -	1928	Ellis, Annie Rita, B.Sc. -	1905
†Dyer, Allan Ronald, B.Tech. -	1958	Ellis, Arthur Benjamin, B.A. -	1911
Dyer, Bruce Herbert, B.E. -	1951	Ellis, Brian David, B.Sc. -	1950
Dyer, James Ross, B.E. -	1951	B.A. -	1953
Dyster, Thomas, B.A. -	1953	Ellis, Brian David, B.A. (B.Sc., 1950) -	1953
		Ellis, Bruce Walter, B.A. -	1949
		Ellis, Charlotte, B.A. -	1950
		Ellis, Frank, B.E. (B.Sc., 1907, surrendered for B.E., 1913) -	1913
		M.A. -	1913
		Ellis, Howard John, M.B., B.S. -	1946
		†Ellis, John Vickery, B.Ag.Sc. -	1957
		Ellis, Ronald Dudley, B.E. -	1947
		Ellis, Roy Gilmore, B.D.S. -	1926

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Eardley, Constance Margaret, M.Sc. - 1949
 *Eardley, Frederick William, B.A. - 1913

* Deceased.

† Not yet Members of the Senate.

Elison, Lawrence Roy, B.E.	- - -	1955	Felgenhaur, Robert Frederick, B.A.	-	1949
Elms, Valerie Lois, M.B., B.S.	- - -	1952	*Fenner, Charles Albert Edward, D.Sc.	-	1920
†Ely, Merle Dawn, B.A.	- - -	1958	(Melbourne, 1917)	-	
Emery, Warren Frederick, M.B., B.S.	- - -	1946	Fenner, Frank John, M.D. (M.B., B.S.,	-	
England, Clarence William, M.B., B.S.	- - -	1925	1938)	-	
England, Ernest Bert, M.B., B.S.	- - -	1952	Fenner, William Greenock, B.E.	- - -	1942
England, Ernest James, M.B., B.S.	- - -	1951	Fenwick, Aline Mary, LL.B.	- - -	1944
England, Harold Norman, B.Sc.	- - -	1925	Ferguson, Andrew, B.Sc.	- - -	1904
England, Harry Clement, B.E.	- - -	1930	Ferguson, Wilfred John, B.A.	- - -	1930
Erichsen, Matthias, M.B., B.S.	- - -	1903	Ferguson, William Rex, B.E.	- - -	1931
Ericson, Leon Gordon, B.Sc.	- - -	1955	Fergusson, George Robert, B.A.	- - -	1953
Esdaile, James Durie, B.E.	- - -	1955	Ferres, Helen Millicent, M.Sc.	- - -	1949
Espie, Frank Fancett, B.E.	- - -	1913	Ferrett, Robert George, LL.B.	- - -	1952
Espie, Frank Fletcher, B.E.	- - -	1947	†Ferry, Andrew Sage, B.Ec.	- - -	1958
†Esselbach, Rodney, B.A.	- - -	1956	Fidock, Dean Henwood, B.E.	- - -	1952
Eustace, John Leonard, B.D.S.	- - -	1921	†Field, Alan Kimber, B.A.	- - -	1956
†Evans, David Wyke, B.Ec.	- - -	1957	Field, Frederick Laurence, LL.B.	- - -	1936
Evans, Dene, B.E.	- - -	1951	†Field, Graham John, B.E.	- - -	1958
Evans, Eric Laurence, B.A.	- - -	1930	†Fielder, Donald Raymond, B.Sc.	- - -	1958
Evans, Geoffrey Gordon Llewellyn, B.D.S.	- - -	1951	Fielding, Leonard Edmund, B.E.	- - -	1937
Evans, George Richard, B.E.	- - -	1937	Filmer, Kenneth Frederick, B.D.S.	- - -	1946
†Evans, Horace Clement, B.Ec.	- - -	1956	Filsell, Owen Holbrook, B.Sc.	- - -	1954
Evans, John William, M.A. (Cambridge, 1931)	- - -	1932	Finch, Emily Olive, B.A.	- - -	1913
Evans, Kenneth Alan Greig, M.B., B.S.	- - -	1953	Finch, Peter Stewart, M.B., B.S.	- - -	1952
†Evans, Lloyd Lindsay Carey, M.B., B.S.	- - -	1957	Finger, Martyn Rudolph, B.E.	- - -	1951
†Evans, Marilyn Joan, B.A.	- - -	1957	Finlay, Ada Jeanne, B.A.	- - -	1951
Evans, Mervyn Wyke, D.D.Sc. (B.D.S., 1929)	- - -	1943	Finlay, Frederic Albert Montague, Mus.Bac.	- - -	1940
Evans, Owen Ross, B.E.	- - -	1950	Finlayson, Allan Harvey, B.E.	- - -	1932
Evans, Robert George, M.B., B.S.	- - -	1954	Finlayson, Constance Alice, M.B., B.S. (Melbourne, 1922)	- - -	1936
Evans, Walter Alfred Wyke, B.D.S.	- - -	1928	Finlayson, Frank Harvey, B.E.	- - -	1930
Evans, Wilfred Robert, B.E.	- - -	1924	Finlayson, James Francis, B.Sc.	- - -	1940
Everard, Betty Ann, B.Sc.	- - -	1945	Finn, Beatrice Mary, B.A.	- - -	1938
*Everard, James Edward, M.B., B.S.	- - -	1910	Finnis, Horace Percy, M.A. (Melbourne, 1910)	- - -	1922
†Evershed, The Right Honourable Sir Francis Raymond, P.C., LL.D. (Melbourne, 1951)	- - -	1951	Mus.Bac.	- - -	1932
Ewens, John Qualtrough, LL.B.	- - -	1929	Finnis, Maurice Meredith Steriker, B.A.	- - -	1937
*Ewers, Keith Ambrose, B.Sc.	- - -	1949	*Finniss, John Henry Suffield, M.B. (Edinburgh, 1876)	- - -	1886
†Ewers, William Hector, B.Sc.	- - -	1957	†Finucane, Kevin Eugene, M.B., B.S.	- - -	1957
Ewers, William David, B.A.	- - -	1934	Fischer, Arthur Frederick, LL.B.	- - -	1925
Excell, John Eliot, B.E.	- - -	1940	Fischer, George Alfred, B.A.	- - -	1888
Fy, Geoffrey Thomas, M.B., B.S.	- - -	1947	M.B., B.S.	- - -	1894
Eyers, Vivian George, B.Sc.	- - -	1955	Fischer, Gerald Lyn, B.A.	- - -	1954
Eyles, Helen Mary, B.Sc.	- - -	1943	Fishburn, Thomas Harold, B.A.	- - -	1932
Eyles, Philip Sydney, M.B., B.S.	- - -	1942	Fisher, Anthony Graham, M.B., B.S.	- - -	1946
B.A.	- - -	1949	Fisher, Francis Robert, LL.B.	- - -	1950
Eylward, Richard John, B.Sc.	- - -	1954	Fisher, George Read, B.E.	- - -	1925
†Ezekiel, Eric, M.B., B.S.	- - -	1958	Fisher, Harry Medcalf, M.B., B.S.	- - -	1922
F			Fisher, Helen Joan, B.Sc.	- - -	1955
Fahey, John Kevin, B.E.	- - -	1950	Fisher, James Hubert Thomas, M.E.	- - -	1950
Fahy, Frederick Edward, B.E.	- - -	1953	Fisher, Ruben Walter Alfred, B.A.	- - -	1948
†Fails, Mervyn James, M.B., B.S.	- - -	1958	Fisher, Tryphena Ellen, B.A.	- - -	1930
Fairley, James, M.B., B.S.	- - -	1941	Fisk, Graham Bristow, M.B., B.S.	- - -	1946
Fairley, Neil Hamilton, M.D. (Melbourne, 1917)	- - -	1949	Fitch, Kenneth Duncan, M.B., B.S.	- - -	1955
Fairweather, Andrew, B.E. (B.Sc., 1901, surrendered for B.E., 1913)	- - -	1913	Fitch, Rosemary Lamburn, B.A.	- - -	1949
Fairweather, Edna May, B.A.	- - -	1932	Fitzgerald, Anne-Marie, B.Sc.	- - -	1955
†Fairweather, Ethel Firl, B.D.S.	- - -	1955	Fitzgerald, Bartholomew John, B.A.	- - -	1929
Fairweather, John Henry, B.E.	- - -	1954	Fitzgerald, Clarence Lindsay, B.A.	- - -	1952
Falkenberg, Walter Edwin, B.A.	- - -	1940	Fitzgerald, Gerald, B.D.S.	- - -	1932
†Fargher, Philip John, B.E.	- - -	1956	Fitzgerald, Hugh Lawrence, B.A.	- - -	1940
Farmer, Helen Robinson, B.A.	- - -	1945	Fitzgerald, James Joseph, M.A. (Melbourne, 1908)	- - -	1908
Farndell, Leila Mavis, B.A.	- - -	1933	FitzHerbert, John Aloysius, M.A. (Cambridge, 1923)	- - -	1928
Farr, Alan Pembroke, B.A.	- - -	1950	Fitzpatrick, Alan Harding, M.B., B.S.	- - -	1953
Farrell, Edward Francis, B.A.	- - -	1940	Flaherty, Anna Theresa, B.A.	- - -	1953
†Farrent, Michael John, B.E.	- - -	1958	Flaherty, Edward John, B.A.	- - -	1924
Farrent, Thomas Albert, B.Sc.	- - -	1923	Flaherty, Francis Ignatius, M.B., B.S.	- - -	1935
B.E.	- - -	1924	Flaherty, James Aloysius, M.B., B.S.	- - -	1952
Farrer, Kenneth Joseph, B.A. (Manchester, 1949)	- - -	1954	*Flaherty, Teresa Anne, B.A.	- - -	1958
Farrow, Murray Aubrey, B.A.	- - -	1945	Flaum, Ernst, M.D. (M.B., B.S., 1941)	- - -	1944
†Farrow, Robert Murray, B.A.	- - -	1956	Flecker, Margaret Mabel, M.B., B.S.	- - -	1932
Farsch, Rehle Katherine, B.A.	- - -	1955	Flecker, Patrick Oscar, M.B., B.S.	- - -	1944
Faunce, Marcus de Laune, M.B., B.S.	- - -	1946	Fleming, Francis John, B.E.	- - -	1938
*Fawcett, Wilfred D'Arcy, B.E.	- - -	1929	Fleming, Hugh Douglas, B.E.	- - -	1934
Featherstone, Dora Bewlay, M.A.	- - -	1932	Flentje, Noel Thomas, M.Sc., (B.Ag.Sc., Melbourne)	- - -	1947
Fechner, Martin Johann Traugott, B.A.	- - -	1937	Fletcher, Ann Willoughby, B.A.	- - -	1953
†Fee, Warren William, B.Sc.	- - -	1956	Fletcher, Sir Frank, M.A. (Oxford, 1893)	- - -	1936
Fehlberg, Tasman Julius August, B.A.	- - -	1932	Fletcher, Helen Weld, B.A.	- - -	1933
			Fletcher, John Weld, LL.B.	- - -	1947
			Fletcher, Malcolm Weld, M.B., B.S.	- - -	1933

* Deceased.

† Not yet Members of the Senate.

Flett, John Stanley, B.Sc., - - - -	1941	Frayne, Peggy Searle, B.Sc. - - - -	1945
M.B., B.S., - - - -	1951	Frederick, Esmond Joseph, M.B., B.S.	1953
†Flierl, Hans Eric, B.E., - - - -	1957	Freeman, Jef Elliot, B.Sc. - - - -	1940
†Flint, Adela Lysander, B.A., - - - -	1921	Freestun, William David, B.E., - - - -	1949
Flint, Harold Elsdon, M.A., - - - -	1927	†Freidenfelds, Regina, B.D.S., - - - -	1956
Flint, Richard Russell, B.E., - - - -	1942	French, Alfred, M.A. (Cambridge, 1946)	- - - -
Florey, Hilda Josephine, M.B., B.S., - - - -	1912	French, Eric Lancelot, M.Sc. - - - -	1951
Florey, Sir Howard Walter, M.D. (M.B., B.S., 1921) - - - -	1944	French, Reginald James, B.Ag.Sc. - - - -	1948
Florey, Mary Ethel Hayter, M.D. (M.B., B.S., 1924) - - - -	1950	Freney, Martin Raphael, B.Sc. - - - -	1930
*Flower, Clifford Horace Kenneth Dunn, B.Sc. - - - -	1924	*Frewin, Oscar Westcott, M.B., B.S. - - - -	1926
Flower, Clifford James McKinnon, M.B., B.S., - - - -	1953	Freytag, Ian Bernard, B.Sc. - - - -	1955
Flynn, Kevin John, B.A., - - - -	1938	Frick, Majorie May, LL.B. - - - -	1934
Foale, Harold Robert, LL.B., - - - -	1933	Frick, Patricia Marian, LL.B. - - - -	1938
†Foale, Michael Ambrose, B.Ag.Sc., - - - -	1957	†Frick, Ross Allen, B.Sc. - - - -	1958
†Fong, Thin Yiew, B.E., - - - -	1958	Fricker, Graham Andrew, B.E., - - - -	1955
†Foong, Siew Muay, M.B., B.S., - - - -	1957	Fricker, Lyall Peterie, B.Sc. - - - -	1949
Foord, Peter Maxwell, B.E., - - - -	1952	B.A., - - - -	1951
Footo, George Buchanan, B.Sc., - - - -	1934	Fricker, Norman Meshach, B.E., - - - -	1933
†Footner, Bruce Albert, B.Tech., - - - -	1958	Fricker, Richard John, B.Sc., - - - -	1955
Forbes, Alexander James deBurgh, B.A., - - - -	1951	Fricker, Vera May, M.A., - - - -	1932
Forbes, Bryan George, Ph.D. (B.Sc., 1952) - - - -	1956	Fridman, Gerald Henry Louis, LL.M., - - - -	1955
Forbes, David Stewart, M.B., B.S., - - - -	1955	Frith, Ernest Everard, B.Sc., - - - -	1949
†Forbes, Ian James, M.B., B.S., - - - -	1956	†Fritsch, Garnette Grace, B.A., - - - -	1957
Forbes, William, B.A., - - - -	1936	Fritsch, Eunice Serena, B.A., - - - -	1947
Ford, James Albert, B.A., - - - -	1919	Fritsch, Luthilde Clara, B.A., - - - -	1948
Ford, Raymond William, B.E., - - - -	1922	Fritsch, Mary Walda, M.B., B.S., - - - -	1955
Ford, Ronald Munro, M.D. (M.B., B.S., 1943) - - - -	1956	Frost, Mary Millicent, B.A., - - - -	1927
Forder, Charles Rex, B.D.S., - - - -	1928	Fry, Adelaide Elizabeth, LL.B., - - - -	1953
Forder, Douglas Highmoor, B.Sc., - - - -	1932	Fry, Dorothy Gillian, B.A., - - - -	1945
B.A., - - - -	1938	Fry, Henry Kenneth, B.Sc., - - - -	1905
Forder, Howard Hamlyn, B.E., - - - -	1926	M.D. (M.B., B.S., 1908) - - - -	1934
Fordham, Juanita Horwood, B.A., - - - -	1927	Fry, Leslie Barry, B.E., - - - -	1954
Forgan, Anthony James, B.E., - - - -	1954	Fry, Robert Mason, B.Sc., - - - -	1947
†Forgan, Dorothea Wald, M.B., B.S., - - - -	1958	Fuhlbohm, Margaret, B.A., - - - -	1944
Forgan, Frederick Robert, LL.B., - - - -	1928	Fuller, Clarence Oliver, M.B., B.S., - - - -	1954
Forgan, Humphrey Cravle, B.E., - - - -	1927	Fuller, Donald Andrew, B.E., - - - -	1955
Forgan, Sydney Bayly, M.B., B.S., - - - -	1926	Fuller, Geoffrey Roy, B.Sc., - - - -	1951
Forgie, Donald Schollar, B.A., - - - -	1949	Fuller, George Rayner, B.Sc., - - - -	1924
*Formby, Henry Harper, M.B., B.S. (Melbourne, 1900, 1901) - - - -	1937	Fuller, William Rayner, M.B., B.S., - - - -	1953
Formby, Myles Landseer, M.B., B.S., - - - -	1927	†Fullerton, Anne McPherson, B.Sc., - - - -	1957
Fornachon, John Charles Macleod, M.Sc., - - - -	1943	Fulton, Gwen Evelyn Hamilton, M.A., - - - -	1939
Forrest, Waldie William, B.Sc., - - - -	1948	Funder, Anne Cathrine, B.D.S., - - - -	1934
Forster, William Edward Stanley, LL.B., - - - -	1950	Funder, Brian Patrick, M.B., B.S., - - - -	1933
Forsyth, Elliott Christopher, Ph.D. (Docteur de l'Université, Paris, 1954) - - - -	1955	Funder, John Francis, B.Sc., - - - -	1935
Forsyth, Robert Samuel, B.A., - - - -	1937	M.B., B.S., - - - -	1938
†Forwood, Peter Strauss, B.Sc., - - - -	1956	†Fung, Khyam Shen, B.E., - - - -	1957
Foster, Robert Jacob, B.E., - - - -	1955	Furber, Ian King, M.B., B.S., - - - -	1948
Fotheringham, James David, M.B., B.S., - - - -	1937	Furness, Eric Taylor, B.Sc., - - - -	1955
†Fotheringham, Walter Douglas, B.E., - - - -	1956	Furness, Gwenda Marie, B.A., - - - -	1941
Fowler, Dorothy Colyer, B.A., - - - -	1949	Furze, Betty Joan, B.Sc., - - - -	1951
Fowler, James Henry, B.E., - - - -	1952	†Furze, Janet Lesley, B.Sc., - - - -	1956
Fowler, Kenneth Raymond, B.A., - - - -	1955	Fyfe, Dorothy Mary, B.A., - - - -	1928
Fowler, Malcolm Charles, M.D. (M.B., B.S., 1946) - - - -	1951	G	- - - -
†Fowler, Robert Malcolm, B.Ec., - - - -	1958	Gaetjens, Gertrude Vera, B.A., - - - -	1925
Fowler, Russell Aubrey, B.Sc., - - - -	1919	Gaffney, Fay Madeline, B.Sc., - - - -	1949
†Fox, Bruce Spafford Owen, M.B., B.S., - - - -	1958	Gagolski, Julian, Ph.D., - - - -	1955
Fox, David Michael, B.D.S., - - - -	1953	Gailbraith, Cyril, B.E., - - - -	1927
Fox, Ina Alice Owen, M.B., B.S., - - - -	1938	†Gale, Allen Ewart, M.B., B.S., - - - -	1956
Fox, Robert Owen, M.B., B.S., - - - -	1925	Gale, Frederick Julius, B.A., - - - -	1915
Frahn, Leslie John, M.Sc., - - - -	1949	Gale, Margaret Jean, B.A., - - - -	1953
Francis, Albert Edward John, B.Sc., - - - -	1949	Gallagher, William Edward, M.B., B.S., - - - -	1932
Francis, John Graham, M.B., B.S., - - - -	1955	Gallasch, Frank Edward, M.B., B.S., - - - -	1937
Francis, Vera Eleanor, M.A., - - - -	1941	Gallasch, Malcolm George, B.E., - - - -	1955
Francis, Wilfred Galton, B.E., - - - -	1935	Galliford, Robert Henry, B.Sc. (Eng.), - - - -	1947
†Fraser, Dougal, B.D.S., - - - -	1958	Gallus, Hermann Peter Christian, M.Sc., - - - -	1934
Fraser, Duncan Lovat Radcliffe, B.Sc., - - - -	1950	Galpin, Arthur Lorden, B.E., - - - -	1949
Fraser, Frederick Christopher, B.D.S., - - - -	1938	Galvin, Leola Beth, B.Sc., - - - -	1945
Fraser, Harry Lovat, LL.B., - - - -	1932	†Galvin, Patrick John, B.A., - - - -	1956
B.A., - - - -	1933	Galvin, Selma Ruth, B.A., - - - -	1953
Fraser, Hugh Barron, M.B., B.S., - - - -	1955	Galvin, Thomas Bernard, B.A., - - - -	1916
Frayne, Graham Arthur, B.D.S., - - - -	1933	†Gambling, Janice Melva, B.A., - - - -	1958
Frayne, Harold Bruce, M.D.S., - - - -	1953	Game, David Aylward, M.B., B.S., - - - -	1949
Frayne, John Felix, M.B., B.S., - - - -	1936	Game, John Aylward, M.B., B.S., - - - -	1938
Frayne, Max Thorley, B.D.S., - - - -	1945	Game, Patricia Jean, M.B., B.S., - - - -	1949
		Gann, Tiang Hua, B.Sc., - - - -	1958
		Gann, Eric Crump, B.A., - - - -	1950
		†Gann, Graham Dean, B.E., - - - -	1957
		Garbaliuskas, Leonardas Raimundas, B.E., - - - -	1954
		Gard, Jeanette Trush Brentnall, M.B., B.S., - - - -	1953
		Gardiner, Beauchamp Lennox, B.Sc., - - - -	1902
		Gardiner, Phillippa Margaret, M.B., B.S., - - - -	1942

* Deceased.

† Not yet Members of the Senate.

Gardner, George Gavin Forrest, Mus.-	1906	Giles, Mortimer, LL.B. - - - -	1911
Bac. - - - - -	1906	Giles, Nigel Stuart, B.Sc. - - - -	1905
Gare, Lloyd, B.Sc. - - - - -	1932	*Giles, Olive Abbott, B.A. - - - -	1907
B.A. - - - - -	1950	Giles, Peter Mortimer, B.E. - - - -	1953
Garran, Elisabeth Rosemary, B.A. - -	1954	Giles, Thomas O'Halloran, LL.B.	
†Garrett, David Mitchell, B.E. - - -	1956	(Cambridge, 1883) - - - -	1886
Garrett, Dorothea Helene, B.A. - - -	1934	*Gillfillan, William, M.B., B.S. - - -	1921
Garton, Mary May, B.A. - - - - -	1923	Gillfillan, William Robert, B.E. - - -	1948
Gartrell, Eric Frank, M.B., B.S. - - -	1921	Gill, Clarence William Cecil, B.A. - -	1934
*Gartrell, Minnie Henrietta Foxwell,		Gill, Lancelot Waring, B.E. (B.Sc.,	
B.A. - - - - -	1926	1908, surrendered for B.E., 1913) -	1913
Gaskell, Joan Mary, B.A. - - - - -	1945	Gill, Raymond Harold, B.E. - - - -	1951
Gaston, Walter Garfield, M.B., B.S. -	1953	Gill, Richard Townshend, M.B., B.S. -	1951
*Gault, Arthur Kyle, M.B., B.S. - - -	1917	†Gill, Robert Charles, B.Sc. - - - -	1957
Gault, Estelle Ruth, B.Sc. - - - - -	1914	Gillam, Dora Alice, M.A. (Sydney,	
M.B., B.S. - - - - -	1919	1903) - - - - -	1934
Gault, Freda Steele, B.A. - - - - -	1931	Gillam, Leon George, M.B., B.S. - - -	1954
Gault, Maisie Isabel Ogilvy, B.A. - -	1921	Gillen, Robert Spencer, M.B., B.S. -	1953
Gazard, Geoffrey Albion, B.A. - - -	1949	Gillespie, Donald Tom Chalton, M.Sc. -	1948
Gazard, John Anthony, B.E. - - - -	1935	Gillespie, Doris Pearl, B.A. - - - -	1940
Gehling, Ronda Beryl, Mus.Bac. - - -	1943	Gillespie, Elsie Jean Ann, B.A. - - -	1935
Gehling, Lorenz Wilfred, B.E. - - - -	1950	†Gillespie, Frank Cecil, B.Sc. - - - -	1956
Geisler, Frederick, M.B., B.S. - - - -	1951	Gillespie, William Charles, LL.B. - -	1927
Geisler, Wilfred Ross, B.Sc. - - - -	1937	Gillett, Bernard St. Patrick, M.B., B.S.	1928
B.Ec. - - - - -	1954	Gillett, Mervyn Clem, LL.B. - - - -	1931
†Gelson, Henrick, B.A. - - - - -	1958	Gillham, Charles Alfred, B.A. - - - -	1911
Gemmell, Donald Stewart, B.Sc. - - -	1955	Gillham, James Edgar, B.A. - - - -	1954
Gent, Alan Franklin, B.A. - - - - -	1948	Gillman, Phyllis Constance, B.A. - -	1916
Gent, Alison Grace, M.A. - - - - -	1948	Gilmore, Hugh Robert, M.B., B.S. - -	1945
Gent, John George Moyns, B.A. - - - -	1940	Gilmore, Jean, LL.B. - - - - -	1934
George, Victor Gerhard, B.A. - - - -	1949	†Giorgio, Antonio, M.B., B.S. - - - -	1956
George, Adalbert James, B.D.S. - - -	1927	Gladiagau, Rita Doreen, B.Ec. - - -	1948
†George, Barbara Kay, B.Sc. - - - -	1957	Glaessner, Martin Fritz, D.Sc. (Mel-	
George, Hilda Constance, B.A. - - -	1928	bourne, 1948) - - - - -	1951
†George, Ian Gordon, LL.B. - - - -	1957	Glasson, Leonard William Addison,	
George, Rowland Francis, B.D.S. - -	1923	M.E. (B.E., 1955) - - - - -	1958
Gerard, Kenneth Edward, B.E. - - - -	1935	Glastonbury, Dudley Ivan, B.Sc. - -	1930
Gerlach, Max Johann, B.A. - - - - -	1925	B.A. - - - - -	1933
Gerny, Elma Seavington, B.Sc. - - -	1936	Glastonbury, James Oliver Garnet, B.A.	1932
Gerny, John Seavington, M.E. - - - -	1949	M.Sc. - - - - -	1935
Gerny, Ronald Seavington, B.E. (Inter-		Glastonbury, Keven, M.B., B.S. - - -	1926
rim B.Sc. (Eng.), 1942, surren-		Glade, Ernest James, B.E. - - - -	1927
dered) - - - - -	1944	Gledhill, John Douglass, B.E. - - -	1952
Geytenbeek, David Robert, B.Sc. - - -	1952	†Glenn, Graham Gordon, B.A. - - - -	1958
Geytenbeek, Peter Everard, B.Ag.Sc. -	1950	†Glenn, Margaret Joy, B.A. - - - -	1958
*Gibb, Sir Claude Dixon, M.E. - - - -	1932	Glesinger, Marianne Antonie, M.B.,	
Gibb, Kenneth Murray, B.E. - - - -	1942	B.S. - - - - -	1953
Gibberd, William Obed, M.Sc. - - - -	1945	Gliddon, Alfred Bertram Keith, M.B.,	
Gibbes, Elaine Frances Keele, M.B.,		B.S. - - - - -	1948
B.S. - - - - -	1953	Gliddon, William Aquilla Robert	
Gibbison, Marie Claire, B.Sc. - - - -	1951	James, B.A. - - - - -	1950
Gibbs, Allan George, B.E. - - - - -	1933	Glover, Brian, B.Sc. - - - - -	1945
Gibbs, Betty Valmai, B.A. - - - - -	1949	Gluis, John, M.A. - - - - -	1922
Gibbs, Bruce Glanville, B.E. - - - -	1955	†Gluyas, Maxwell Allan, M.B., B.S. -	1957
Gibbs, David Norris, Ph.D. (London,		†Gluyas, Richard John, B.D.S. - - -	1956
1955) - - - - -	1958	Gluyas, Robert John, B.E. (Interim	
†Gibbs, Glen Barker, LL.B. - - - -	1958	B.Sc. (Eng.), 1945, surrendered) -	1948
Gibbs, Graham Rossiter, B.Ec. - - -	1953	Glynn, Brian McMahon, LL.B. - - -	1933
†Gibbs, Malcolm Henry, B.Sc. - - - -	1958	Glynn, Denis McMahon, LL.B. - - -	1929
†Gibson, Bramwell Saint Clair, B.Tech	1958	Glynn, Robert McMahon, M.B., B.S. -	1919
Gibson, Douglas Barr, M.B., B.S. - -	1945	Goatcher, Philip Daniel, M.B., B.S. -	1945
Gibson, George Taylor, M.B., B.S. - -	1935	Gobbett, Thelma Jean, B.A. - - - -	1950
Gibson, Gladys Ruth, B.A. - - - - -	1937	Godfrey, Edward John Owen, M.B.,	
Gibson, Graham Coyne, B.A. - - - -	1949	B.S. - - - - -	1945
†Gibson, Malcolm Milne, B.A. - - - -	1956	Godfrey, Kirke Charles, M.B., B.S. -	1914
Gibson, Margaret Dawn, B.Sc. - - - -	1952	Godfrey, Robert Charles, M.B., B.S. -	1944
Giersch, Leonard Ernst, B.A. - - - -	1940	Godlee, Margery Rebecca, B.A. - - -	1917
Gifford, Alfred Silva Harril, LL.B. - -	1922	Godlee, Theodore, M.B., B.S. - - -	1932
Gilbert, John Scollard, B.E. (Interim		Gold, Mervyn Roy, M.B., B.S. - - -	1939
B.Sc. (Eng.), 1948, surrendered) -	1948	Gold, Ronald Geoffrey, M.B., B.S. -	1952
Gilbert, Ronald Sunter, B.A. - - - -	1950	Goldbeck, Rene Alice, M.B., B.S. -	1949
Gilbert, Stephen Hamilton, B.E. - - -	1934	Goldby, Frank, M.D. (Cambridge,	
Gilbertson, Nannette, B.A. - - - - -	1951	1936) - - - - -	1937
Gilchrist, Robert James, B.A. - - - -	1950	Goldfinch, Arthur Leslie, B.Sc. - - -	1951
Gild, Albert, M.B., B.S. - - - - -	1934	Golding, Edmond William, B.A. - - -	1951
Gild, David, M.B., B.S. - - - - -	1938	Golding, Phyllis Mav, B.A. - - - -	1951
Gilding, Gwendoline Fay, B.A. - - - -	1952	Goldsworthy, Arthur Clive, B.A. - - -	1953
Gilding, Kevin Rex, B.A. - - - - -	1952	Goldsworthy, David, B.A. - - - - -	1949
Giles, Allan Leonard, Mus.Bac. - - -	1950	Goldsworthy, Eric Roger, B.Sc. - - -	1950
Giles, Douglas Haynes, B.E. - - - -	1954	†Goldsworthy, Janice Julia, B.A. - - -	1956
Giles, Harold, B.A. - - - - -	1911	Goldsworthy, John Garfield, M.A. - -	1930
Giles, Ireton Elliot, B.A. - - - - -	1897	Goldsworthy, Reuben, B.Sc. - - - -	1948
Giles, Jack Bernard, B.Sc. - - - - -	1943	Golinger, Donald, M.B., B.S. - - - -	1955
Giles, James Palmer, B.A. - - - - -	1931	Golledge, John Gouldhawke, M.B., B.S.	1954
Giles, Keith Emanuel, M.B., B.S. - - -	1951	Good, Brian Francis, B.Sc. - - - -	1955

* Deceased.

† Not yet Members of the Senate.

Good, Emily Milvain, B.A. - - - -	1904	Green, Donald Clare, B.Sc. - - - -	1942
Good, Frances Helena, B.A. - - - -	1916	†Green, Harry Edward, B.E. - - - -	1957
Good, Richard John, B.E. - - - -	1953	Green, Herbert Sydney, D.Sc. (Edin-	
†Goodale, Peter Lewis, B.E. - - - -	1957	burgh) - - - -	1952
Goodchild, Robin John, B.Sc. - - - -	1955	Green, John William, B.Sc. - - - -	1953
Goode, Benjamin Ryall, M.B., B.S. - -	1947	Green, Lawrence Goodwin, B.E. - - -	1951
Goode, Harold Ralph, B.E. - - - -	1945	Green, Lorna Mary Alexander, M.Sc.	
Goode, Henry Arthur, M.B., B.S. - -	1938	(B.Sc., 1927) - - - -	1958
Goode, John Reginald, B.Ag.Sc. - - -	1937	B.A. - - - -	1929
Goode, Kenneth Burden, B.E. - - - -	1914	Green, Louis Ferdinand, B.A. (Queens-	
Goode, Muriel Gertrude, Mus.Bac. - -	1911	land, 1951) - - - -	1953
Goode, Philip Charles Ryall, M.B., B.S.	1939	Green, Mary Patricia, B.Sc. - - - -	1954
*Goode, Reginald Alfred, M.B., B.S. -	1910	Green, Ralph Noel, B.A. - - - -	1954
Goode, Thomas Britten, M.B., B.S. -	1952	Green, Richard Maslen, B.A. - - - -	1937
Goode, Thomas Ryall, B.E. - - - -	1937	Green, Ronald Gordon, B.Sc. - - - -	1949
†Gooden, Edgar Whitridge, B.Sc. - - -	1957	Green, William Allan McInnes, B.E. -	1928
Gooden, John Ernest Alfred, M.Sc.		Greenfield, Vivian Hutchison, B.Sc. -	1951
(B.Sc., 1955) - - - -	1958	Greenhough, Arthur David, B.E. - - -	1942
Gooden, John Stanley, M.Sc. - - - -	1945	Greenland, Patrick Cecil, M.A. - - -	1933
Gooden, Philip Compton, M.B., B.S. -	1952	Greenlees, Alan David, B.E. (B.Sc.,	
Goodenough, Warwick William, B.A. -	1953	1909, surrendered for B.E., 1913) -	1913
†Goodes, William John, B.Sc. - - - -	1958	Greenlees, Rollo, M.B., B.S. - - - -	1937
Goodhart, Mabel Flora, LL.B. - - - -	1927	Greenway, Harold, B.E. (B.Sc., 1906,	
Goodhart, Richard Akhurst, M.B., B.S.	1941	surrendered for B.E., 1913) - - - -	1913
Goodman, Cyril William, B.E. - - - -	1915	Greenway, Thomas Charles, B.Sc. - -	1900
Goodrich, Roy Stanley, B.Sc. - - - -	1953	Greenwood (formerly Nadebaum),	
Goodwin, Geoffrey Leonard, B.Sc. - -	1951	Rudolph Oertel, B.A. - - - -	1907
B.A. - - - -	1955	Greer, Henry Steven, M.B., B.S. - - -	1952
Gordon, Colin Ernest Sutherland, M.A.		†Greet, Elizabeth Bronwen, B.A. - - -	1953
(Oxford, 1938) - - - -	1948	Greet, Frank Hamilton, B.A. - - - -	1953
Gordon, John Murray, Mus.Bac. - - -	1953	Greet, Norman George Frank, M.A. - -	1928
B.A. - - - -	1956	†Greet, Raymond James, B.A. - - - -	1957
Gordon, John Vivian, M.D. (M.B., B.S.,		Gregory, Cedric Errol, B.E. - - - -	1931
1942) - - - -	1949	B.A. - - - -	1944
Gordon, Leslie Kenneth, LL.B. - - - -	1953	Giegory, Janet Phillis, B.A. - - - -	1954
Gosnell, Arthur William, M.A. (Cam-		†Grenfell, Ian Henry, B.A. - - - -	1957
bridge, 1888) - - - -	1895	Grewar, Lois Valerie, M.B., B.S. - -	1952
Goss, Mary Blanche, B.A. - - - -	1936	Gribble, Albert Elijah, M.B., B.S. -	1929
Goss, Noel Frederick, B.A. - - - -	1934	Grierson, John James, B.E. - - - -	1937
Gough, John Lewis, B.A. - - - -	1945	Grieve, Ian Charles, LL.B. - - - -	1953
Gould, Joseph Gordon, B.Sc. - - - -	1955	Griff, Bernard, LL.B. - - - -	1925
Gouldhurst, Peter Richard Stuart,		Griffin, Danielle, B.A. - - - -	1949
M.B., B.S. - - - -	1955	Griffin, Donald Ward, B.E. - - - -	1951
Govenlock, James Coburn, Mus.Bac. -	1943	†Griffin, Gerald John, B.A. - - - -	1957
Gower, Charlie James, B.A. - - - -	1954	Griffiths, David Robert, B.E. (Interim	
Goyder, Alexander Woodroffe, B.Sc. -	1889	B.Sc. (Eng.), 1945, surrendered) -	1947
†Gradussov, Alexis, B.A. - - - -	1958	Griffiths, Ernest William, M.B., B.S.	1906
Graebner, David Carl, B.E. - - - -	1953	Griffiths, George Townsend, Mus.Bac.	1915
Graham, George Finlay, B.E. - - - -	1927	Griffiths, Thomas Lester, LL.B. - - -	1913
Graham, Mary Theresa, M.A. - - - -	1933	Griggs, Clarence Middleton, B.Sc. - -	1924
Graham, May Elisabeth, B.A. - - - -	1941	Griggs, James Middleton, B.E. - - -	1949
Graham, Roger Dean, B.E. - - - -	1950	Griggs, Robert Leslie, M.Ec. - - - -	1955
Grant, Allan Kerr, M.B., B.S. - - - -	1947	Grimes, Louisa Catherine, Mus.Bac. -	1937
Grant, Colin Kerr, B.Sc. - - - -	1931	Grimwade, Arnold Elliott, B.Sc. - - -	1955
Grant, Donald Kerr, M.B., B.S. - - -	1942	†Grivell, Baden John, B.E. - - - -	1958
Grant, John McBain, M.Ec. - - - -	1953	Gross, Gordon Flinders, M.Sc. - - - -	1956
Grant, Sir Kerr, B.Sc. (M.Sc., Mel-		Gross, Klem Bassett, B.E. - - - -	1924
bourne, 1901) - - - -	1911	Gross, Patricia Mary, B.A. - - - -	1950
Grant, Marjorie Ruth, B.A. - - - -	1939	†Grosse, John Allan, B.A. - - - -	1958
Grant, Mary Raymond, M.Sc. - - - -	1950	Grosser, Agnes Juliana Hulda, B.A. -	1910
Grant, Richard Longford Thorold,		Grosvenor, Cyril, B.D.S. - - - -	1925
M.B., B.S. - - - -	1918	Grosvenor, Edna Mary, M.A. - - - -	1926
Grasso, Rosario, B.Sc. - - - -	1954	Grote, Albert Walter, M.B., B.S. - - -	1926
Cratton, Gordon Sydney, LL.B. - - -	1950	†Grote, Fay, M.B., B.S. - - - -	1956
Cratton, Marshall Gladstone, M.B.,		†Grote, Keith Walter, B.D.S. - - - -	1956
B.S. - - - -	1941	Groves, Murielle Annis Clemland, B.A.	1937
Cratton, Mephon John, B.E. - - - -	1934	Gubb, Yvonne, B.A. - - - -	1951
Cratton, Norman Murray Gladstone,		†Gubbay, Sasson Stephen, M.B., B.S.	1957
B.A. (Melbourne, 1915) - - - -	1920	Gubbins, Heather Welch, B.A. - - - -	1950
†Crava, Andrejs, B.D.S. - - - -	1956	Gudkovs, Ariss, M.B., B.S. - - - -	1955
†Crave, Keith Cyril, B.D.S. - - - -	1956	Guenther, John Irving, M.B., B.S. -	1942
Gray, Alexander Frederick, B.Sc. (Eng.)	1942	†Guerin, Robert Langley, M.B., B.S.	1957
†Gray, Donald Mervyn, B.Ec. - - - -	1958	Guerin, Ronald St. Clair, B.E. - - -	1953
Gray, Eric William, B.A. - - - -	1931	Guinand, Andrew Paul, B.Sc. - - - -	1932
Gray, Frederic Victor, M.Sc. - - - -	1948	Guinand, Mimi Helen, B.A. - - - -	1938
Gray, Harvey Hamilton, B.Ec. - - - -	1949	Gulland, David Lumgair, M.B., B.S. -	1955
B.A. - - - -	1952	†Gulland, Ian Ferris, M.B., B.S. - - -	1956
Gray, Keith Douglas, M.B., B.S. - - -	1926	Gum, Colin Stanley, M.Sc. - - - -	1951
Gray, Maurice Chadwick, B.Sc. - - - -	1933	*Gun, Lancelot Townsend, LL.B. - - -	1924
†Gray, Neil Boon, B.E. - - - -	1958	†Gunn, Archibald Keith, B.E. - - - -	1956
Gray, William Watt Erskine, B.E.		Gunn, John Alexander, M.A. (Liver-	
(B.Sc., 1912, surrendered for B.E.		pool, 1919) - - - -	1926
1913) - - - -	1913	†Gunning, Julianne Elizabeth Stannus,	
Green, Alan Elston, B.Sc. - - - -	1949	M.B., B.S. - - - -	1958
Green, Cynthia Joan, B.A. - - - -	1945	Gunning, Norman Stannus, M.B., B.S.	1926

* Deceased.

† Not yet Members of the Senate.

Gunson, John Grattan, M.B., B.S.	1952	*Hancock, Henry Raymond Russell, M.B., B.S.	1927
Gunson, John Michael Morphet, M.B., B.S.	1933	Hancock, James Russell, B.Sc.	1941
Guntton, James Donald, B.A.	1938	Hancock, John Owen, M.B., B.S.	1952
Guppy, Douglas James, B.Sc.	1944	†Hancock, Richard Russell, B.E.	1958
Guppy (nee Knox), Joan Claudia, B.Sc.	1943	Hancock, William Andrew, B.Sc.	1924
Gurner, Colin, M.B., B.S.	1918	Hancock, Sir William Keith, M.A. (Oxford, 1930)	1931
Gurner, Colin Marshall, M.B., B.S.	1942	Handley, Donald Alfred, M.B., B.S.	1953
Gurney, Harold Cyril, M.Sc.	1932	Handley, Harold Arthur, M.B., B.S.	1951
Gurr, Clifford George, B.Sc.	1947	Handley, Joan Marie, M.B., B.S.	1955
†Gurr, Graham Edward, B.Sc.	1956	Hankel, Barbara Joan, B.A.	1954
Guster, Allan Frederick, B.E.	1951	Hannaford, Brian Douglas, B.Sc.	1945
Guthaner, Ernst, M.B., B.S.	1942	Hannan, Albert James, M.A.	1914
Guymer, Arthur Howes, M.B., B.S.	1915	LL.B.	1912
Guymer, Ernest Albert, M.B., B.S.	1914	Hannan, Clare Reginald, LL.B.	1922
Guymer, Max William, M.B., B.S.	1947	Hannan, Ian Ignatius, B.E.	1949
H			
Habib, Bernadette Dolores, M.B., B.S.	1954	†Hannan, John Spencer, LL.B.	1958
Habich, Carl Gerhard, B.A.	1932	Hannan, Mignon Elizabeth, LL.B.	1955
Habich, Carl Julius, B.E.	1930	Hannon, Dennis Francis, M.B., B.S.	1942
Hackett, Cecil John, M.D. (M.B., B.S., 1927)	1935	Hannon (nee Lewis), Gweneth Elizabeth, B.D.S.	1932
Hackworthy, Harold Stewart, B.Sc.	1945	Hansberry, Gerald Maxwell, M.B., B.S.	1953
Haddrick, Eric Murray, LL.B.	1954	Hansberry, John Pierce, B.A.	1945
Haddrick, Peter Donald, B.E.	1953	Hansberry, Mary Estelle, B.Sc.	1951
Haden, John Forbes, B.A.	1953	B.A.	1954
Haese, Beth Theodora, B.A.	1947	Hansen, Ian Alfred, Ph.D. (B.Sc., 1948)	1956
†Haese, David Kinnear, LL.B.	1957	Hansen, Ian Victor, B.A.	1950
Haese, Ernst Alfred Wilhelm, B.A.	1943	†Hansen, Ruth, B.Sc.	1956
Haese, Frederick Ernest Douglas, B.A.	1950	Hansford, Clifford Gerald, D.Sc. (Cambridge)	1952
†Hague, John Stanley, B.A.	1956	Hanson, Bertram Speakman, M.B., B.S.	1928
Hague, Ralph Meyrick, LL.B.	1932	Harbison, Alan Thomas, M.B., B.S.	1927
Hahn, Hurtle William, B.A.	1933	*Harbison, Ernest John Keith, M.B., B.S.	1924
Haines, Colin Edward, B.Ag.Sc.	1941	Harbison, John Henry, M.B., B.S.	1949
Haines, Murray David, B.A.	1947	Harbison, Peter Alan, M.B., B.S.	1953
Haines, Norman Lindsay, B.A.	1947	Harbison, William Arthur, B.E.	1938
Hains, Ivan Coronel, M.B., B.S.	1911	Harders, Clarence Waldemar, LL.B.	1944
Hains, Robert Myer, M.B., B.S.	1940	Harding, Florence Mary, M.A. (N.Z., 1932)	1949
Hakendorf, Andrew John, M.B., B.S.	1929	Hardy, Alfred Burton, LL.B.	1898
Haldane, Alexander David, B.Sc.	1949	Hardy (nee Beckwith), Anne Caroline, M.Sc.	1947
Hale, Robert Palmer, B.Sc.	1954	Hardy, Evan Lovell, B.E.	1935
Hall, Alfred Daniel, M.A. (Oxford)	1914	Hardy, John Evans Simpson, M.B., B.S.	1945
Hall, Barbara Isabelle Herbert, Ph.D. (B.Sc., 1951)	1956	Hardy, John Howard, B.A.	1955
Hall, Charles Fishbourne, M.A.	1922	Hardy, John Scott, LL.B.	1926
Hall, Frederick Leonard, B.Ec.	1955	Hardy, Mabel Phyllis, B.A.	1914
†Hall, Geoffrey Charles, B.D.S.	1958	Hardy, Thomas Walter, B.Sc. (Eng.)	1947
†Hall, James Stanley, B.E.	1933	Hargrave, John Charles, M.B., B.S.	1954
Hall, Jocelyn Rosemary, B.A.	1948	Hargrave, Nathaniel Charles, LL.B.	1938
Hall, Marjorie Gertrude, Mus.Bac.	1931	B.A.	1939
Hall, Norman Bruce, M.B., B.S.	1917	Hargreaves, William Arthur, B.Sc. (Melbourne, 1891)	1909
†Hall, Robert Darwin, B.E.	1956	D.Sc.	1916
Hall, William Oswald James, B.Sc.	1950	Harkness, Robert, B.A.	1907
Hallett, Evan Charles, M.B., B.S.	1947	Harley, David George, B.E.	1953
Hallett, Harold Sinclair, B.E.	1932	Harley, James Froome, M.B., B.S.	1951
Hallett, Reginald Thomas, B.E.	1938	Harley, Marjory, B.A.	1925
†Halley, Peter, M.B., B.S.	1956	†Harley, Peter Ash, B.E.	1956
Halloran, Noel, M.B., B.S.	1953	Harman, Lewis Clive, B.D.S.	1953
Hamann, Keith Maurice, B.Sc.	1953	Harmer, John Reginald, M.A. (Cambridge, 1884)	1895
Hambridge, Margaret Cecile, B.A.	1935	Harms, John Eric, B.Sc.	1951
†Hambly, Francis Sutherland, B.Ec.	1957	Harms, Lois Philippa, M.B., B.S.	1948
†Hambly, Peter Sutherland, B.A.	1957	Harniman, William Ronald, LL.B.	1936
Hambly, William Frank, M.A. (Melbourne)	1952	Harper, Anthony, LL.B.	1926
Hamden, William Callil, M.B., B.S.	1953	†Harper, Judith Mary, M.B., B.S.	1957
Hamdorf, Clifton John, Ph.D. (B.E., 1953)	1957	Harper, Ronald George, B.A.	1938
Hames, Muriel Jean, B.A.	1941	B.Ec.	1947
Hamilton, Frank Alexander, B.E.	1941	Harrington, Colin, B.A.	1947
Hamilton, Ian Avliffe, M.B., B.S.	1924	Harrington, Enid Gretta, B.A.	1950
†Hamilton, Ian Michael, M.B., B.S.	1956	Harrington, Joan Margaret, B.Sc.	1945
Hamilton, Ian Scott, LL.B.	1951	Harrington, Reginald Frank, B.D.S.	1943
Hamilton, Jean Anne, B.Sc.	1947	Harrip, Brian John, B.A.	1950
Hamilton, Margaret Berner, B.Sc.	1952	Harris, Allan Cuthbert, B.Sc.	1923
Hamilton, Reginald Hewgill, M.B., B.S.	1925	Harris, Beryl Ruth, B.A.	1935
Hamilton, William Murray, M.B., B.S.	1944	Harris, Cecil George, B.A.	1951
Hammill, Robert Duncan, M.B., B.S.	1942	Harris, Clare Sparkes, LL.B.	1925
†Hammond, Brian George, B.Sc.	1957	Harris, David Hall, M.B., B.S.	1942
Hammond, Henry Grant, M.B., B.S.	1944		
†Hammond, John Michael, M.Sc.	1958		
Hamp, Frances Marian, M.B., B.S.	1925		
†Hamra, Kameel Lawrence, M.B., B.S.	1958		
Hancock, George Alfred, M.A.	1909		

*Deceased.

†Not yet Members of the Senate.

Harris, David John, M.B., B.S.	- -	1952	(B.Ag.Sc., 1953)	- - -	1958
Harris, Digby Ian, M.B., B.S.	- -	1953	Haynes, James Dalrymple, B.A.	- - -	1950
Harris, Donald Dunstan, M.A.	- -	1929	Hayward, Edward Leo, LL.B.	- - -	1925
Harris, Dorothy Mary, B.A.	- -	1919	Hayward, John, B.E.	- - -	1953
Harris, Dudley Andrew, B.A.	- -	1938	Hayward, John Lionel, M.D. (M.B.,	- - -	
Harris, Ernest Wilfred, LL.B.	- -	1920	B.S., 1932)	- - -	1936
Harris, Frank Randall, B.Ec.	- -	1955	Hayward, Lancelot Alfred, M.B., B.S.	- - -	1914
Harris, Ian Antrobus, M.B., B.S.	- -	1949	Hayward, Thomas Ronald, B.Ec.	- - -	1949
Harris, James Dunbar, M.B., B.S.	- -	1953	B.A.	- - -	1953
Harris, Jack Ronald, M.Sc.	- -	1951	Hayward, Walter Richard, B.A.	- - -	1934
Harris, John, M.B., B.S.	- -	1924	Haywood, Edward Francis, M.B., B.S.	- - -	1952
Harris, John Ernest, B.E.	- -	1949	Head, John Graeme, B.Ec.	- - -	1954
Harris, Lorna Muriel, B.A.	- -	1934	†Head, Malcolm Gordon, B.Tech.	- - -	1958
†Harris, Robert Oxenberry, B.Ec.	- -	1958	Heading, Keith Edward George, B.Sc.	- - -	1930
Harris, Shirley Joyce, B.A.	- -	1938	B.A.	- - -	1938
Harris, Sophie Dora, B.A.	- -	1928	Headlam, Morley Lewis Caulfield, M.A.	- - -	
Harris, William Brocas, B.Ag.Sc.	- -	1947	(Oxford, 1893)	- - -	1900
Harris, William Patrick, M.B., B.S.	- -	1933	Healy, Anthony Hodgins, B.D.S.	- - -	1952
Harrison, Howard Raymond, B.Sc.	- -	1948	Healy, Peter, B.Sc.	- - -	1948
B.A.	- - -	1955	Healy, Vincent Michael, B.Sc.	- - -	1939
Harrison, Walter, B.A.	- - -	1929	Heard, Kenneth Harold, M.B., B.S.	- - -	1936
Harold, Colin Monse, M.B., B.S.	- -	1953	Heard, Lyall Scott, B.Sc. (Eng.)	- - -	1944
Harry, Arthur Hartley, B.A.	- -	1901	†Hearn, Anthony Clem, B.Sc.	- - -	1958
Harry, Geoffrey Courtenay, LL.B.	- -	1925	Heaslip (nee Shorney), Barbara Kate,	- - -	
Harry, Grant Varley, B.E.	- -	1953	B.A.	- - -	1928
Harry, Irene Pearl, B.A.	- -	1915	Heaslip, William Gordon, M.B., B.S.	- - -	1929
Harry, Romilly Carveth, LL.B.	- -	1929	Heath, Neil Stewart, Ph.D.	- - -	1955
Hart, Arthur Maxwell, B.A.	- -	1950	Heath, Ronald Bertram, B.E.	- - -	1941
Hart, David Henderson, B.Sc.	- -	1942	Heath, Trevor James Gartrell, B.A.	- - -	
Hart, Mary Margaret, B.A.	- -	1950	(Cambridge, 1928)	- - -	1928
Hartill, Graeme Donald, M.B., B.S.	- -	1955	LL.B.	- - -	1932
Hartshorne, Brian Herbert, M.B., B.S.	- -	1952	Heaton, Herbert, M.A. (Leeds, 1912)	- - -	1918
Harvey, Alison, B.A.	- - -	1938	†Heaysman, Clive, M.B., B.S.	- - -	1958
Harvey, Bernice Enid, Mus.Bac.	- -	1928	Hebart, Armin William, B.Sc.	- - -	1944
Harvey, Christine Alice, B.A.	- -	1955	Hebart, Siegfried Paul, M.A.	- - -	1932
Harvey, Dean Lawrence, B.Sc.	- -	1947	Hebart, Werner Friedrich, B.A.	- - -	1934
Harvey, Faith Fairbank, Mus.Bac.	- -	1925	Hecker, Joyce, B.A.	- - -	1955
B.A.	- - -	1936	Hecker, Olive May, B.A.	- - -	1954
Harvey, Frederick George, M.A. (Yale,	- -	1934	Hecker, Robert, M.D. (M.B., B.S.,	- - -	1956
1934)	- - -	1936	1947)	- - -	1919
Harvey, Raymond Hynson, B.E.	- -	1936	*Hecker, Stewart Roy, M.B., B.S.	- - -	1935
Harvey, Richard Gilbert Mungo,	- -		Heddle, Frederic French, M.B., B.S.	- - -	1942
B.Ag.Sc.	- - -	1948	Heddle, Robert Charles, M.B., B.S.	- - -	1947
Harvey, Wilbur Henry, B.E.	- -	1955	Heddle, Shirley, B.A.	- - -	1936
Harvie, Sydney Haral, B.Sc.	- -	1927	Hedger, Dorothy Mavis, B.A.	- - -	1956
Harwood, John William, M.B., B.S.	- -	1953	†Hefford, Ronald Keith, B.Ec.	- - -	1944
Haselgrove, Harold Frederick, M.B.,	- -		Heidenreich, George Bernhard Franz,	- - -	
B.S.	- - -	1946	B.A.	- - -	1949
Haselgrove, Helene Martha, B.A.	- -	1923	Heighway, Freida Ruth, M.D. (Syd-	- - -	
Haselgrove, Janet Storie, B.Sc.	- -	1950	ney, 1939)	- - -	1890
Haselgrove, Wilfred Eric, B.E.	- -	1937	Heinemann, Edmund Lewis, B.A. (Ox-	- - -	1948
†Haseloff, Milton Conrad, B.A.	- -	1956	ford, 1887)	- - -	1940
Hasenohr, David, B.Sc.	- -	1951	Heinemann, Mary Josephine, B.A.	- - -	1956
Hasenohr, Edward, B.A.	- -	1938	Heinemann, Mervyn Lambert, B.A.	- - -	1949
Hasenohr, Geoffrey, M.B., B.S.	- -	1948	†Heinrich, Harold Gordon, B.Ec.	- - -	1956
Haskard, George Henson Barrett, M.Sc.	- -	1936	Heinrich, Jeff Dean, B.Sc.	- - -	1956
Haskard, John Rex, B.Sc.	- -	1950	†Heithersay, Geoffrey Sinclair, B.D.S.	- - -	1949
†Haslam, Christopher Osborne, B.Sc.	- -	1958	Heitmann, Dorothea Smith, M.B., B.S.	- - -	1951
Haslam, Denise Allison, B.Sc.	- -	1953	Heitmann, John Smith, M.B., B.S.	- - -	1957
Haslam, Leslie Horrocks, LL.B.	- -	1908	Hely, Arnold Stanley McMath, M.A.	- - -	
Haslam, Margaret Martha, M.B., B.S.	- -	1935	(New Zealand, 1948)	- - -	1949
Hassell, Frank Colin, B.E.	- -	1933	Hemingway, Peter Cunliffe, B.Sc.	- - -	1932
Hassell, Kathleen Lilian, M.A.	- -	1927	Henderson, Eric Malcolm, B.E.	- - -	1949
Haste, Mary Joan, B.A.	- -	1941	Henderson, Leonard Ross, B.Ec.	- - -	1956
Haste, Reginald Arthur, B.Sc.	- -	1911	†Henderson, Margaret Evelyn, B.A.	- - -	1926
M.B., B.S.	- - -	1914	Henderson, Roland, LL.B.	- - -	1957
†Hastings, Margaret Claire, M.B., B.S.	- -	1958	†Henderson, Ronald George, B.E.	- - -	
Hauser, Frederick Herbert, B.A.	- -	1931	Hendrickson, Douglas Buxton, M.B.,	- - -	
Hawes, Brian Richard Albert, B.E.	- -	1953	B.S.	- - -	1941
†Hawke, Cynthia Joy, B.A.	- -	1957	Henning, Frederick Rudolph, B.D.S.	- - -	1952
Hawke, John Burton, M.B., B.S.	- -	1954	Henningsen, Marcus, B.E.	- - -	1951
Hawke, John Gardner, B.Sc.	- -	1954	Henschke, Lawrence Ronald, B.E.	- - -	1952
Hawke, Vivian Lee, M.B., B.S.	- -	1946	Henschke, Norman Frederick, B.Sc.	- - -	1951
Hawken, Doris Marguerite, B.A.	- -	1917	Henschel, Gordon Maxwell, B.Sc.	- - -	1955
Hawker, Elizabeth Julie Seymour, B.A.	- -	1942	Herath, Meewakkala Mudiyanseelage	- - -	
†Hawker, John Seth, B.Sc.	- -	1956	Jinadasa Willehad, B.Sc.	- - -	1949
Hawkes, Joan Muriel, B.A.	- -	1955	Herbert, Septimus Giffen Mills, B.Sc.	- - -	1951
Hawkes, Rose Adeline, B.A.	- -	1928	Hermes, Clarence Lindsay, LL.B.	- - -	1932
Hawkins, Frederick James, LL.B., B.A.	- -	1942	Herriot, Robert Irvine, B.Ag.Sc.	- - -	1952
†Hawkins, Henry Stuart, B.Ag.Sc.	- -	1956	Herriot, Ronald Melbourne, B.E.	- - -	1935
†Hay, Gordon Stuart Baron, M.B., B.S.	- -	1958	Hersel, August Wilhelm, B.A.	- - -	1953
†Hayball, John Frederick, B.Sc.	- -	1958	Herzog, Paul, B.A.	- - -	
*Haycraft, Edith Florence, B.Sc.	- -	1890	Heseltine, Augustus Frederick, B.E.	- - -	
Hayes, Horace Townsend, M.B., B.S.	- -	1936	(B.Sc., 1904, surrendered for B.E.,	- - -	1913
Hayman, David Lindsay, Ph.D.	- -		1913)	- - -	

* Deceased.

† Not yet Members of the Senate.

Heseltine, Samuel Richard, LL.B. -	1908	Hiscock, Stephen West, B.Sc. - - -	1949
†Hester, David Albert, B.A. (Cam- bridge, 1956) - - -	1958	Hisgrove, Gladys, B.A. - - -	1936
Hester, Gwynn Thomas John, B.A. -	1950	Hiskey, Thomas Alan, B.A. - - -	1949
Hetherington, Robert, B.A. - - -	1951	†Hislop, Ian Gordon, M.B., B.S. -	1958
Hetzl, Basil Stuart, M.D. (M.B., B.S., 1944) - - -	1949	Hitchcox, Alison Rosemark, B.A. -	1955
Hetzl, Kenneth Stuart, M.D. (M.B., B.S., 1920) - - -	1926	Hitchcox, Alfred Clarke, M.A. - -	1932
Hetzl, Peter Stuart, M.D. (M.B., B.S., 1948) - - -	1952	Hitchcox, Joyce Mary, B.A. - - -	1949
Heuer, Powell Max, B.Sc. - - -	1953	Hiu, Hock Leng, B.E. - - -	1958
Heuzenroeder, Reginald Leo, LL.B. -	1923	Ho, Shui, B.E. - - -	1955
Hewett, Esther Jean, B.A. - - -	1938	Hoar, Barbara Charlotte, B.Sc. - -	1948
†Hewett, Peter Neil, B.Sc. - - -	1956	Hoare, Charles Gilles Lucas, M.B., B.S. - - -	1955
Hewgill, Frank Richmond, Ph.D. - -	1955	Hoare, Lehone Lucas, M.B., B.S. -	1949
Hewitson, Gordon Frank, B.A. - - -	1951	Hobbs, Alan Frank, M.B., B.S. - -	1922
Hewitson, Malcolm Thomas, B.A. - -	1951	†Hobbs, Brian Kenneth, M.B., B.S. -	1956
Hewitt, Cecil Austin, LL.B. - - -	1924	Hobbs, Graham Alan, M.B., B.S. -	1955
†Hewton, Anthony Walter, B.Sc. - -	1957	Hobbs, Ian Harold, M.B., B.S. - -	1948
Heyne, Carl William, B.D.S. - - -	1949	†Hobbs, Michael Sydney Talbot, M.B., B.S. - - -	1956
Heyne, Ida Marie, B.A. - - -	1916	†Hobbs, William Harris, M.B., B.S. -	1958
Heyne, Laura Olga Hedwig, M.A. - -	1917	Hobden, Joan Frances, B.Sc. - - -	1952
Heyward, Marie Louise, B.A. - - -	1941	Hocking, Colin Stanley, B.Sc. - - -	1949
Hiatt, Jack Thomas, LL.B. - - -	1947	Hocking, Frank Maxwell, B.Sc. - -	1929
B.Ec. - - -	1948	Hocking, Kevin, B.E. - - -	1953
Hibbert, Kevin Malcolm, B.E. - - -	1953	Hockney, Barry Herbert, B.Sc. - -	1955
Hickey, Kathleen Veronica, B.A. - -	1945	Hooctor, John Francis, B.A. (Dublin, 1871) - - -	1877
Hickinbotham, Alan David, B.Sc. - -	1949	Hodan, Miroslav, M.Ec. - - -	1956
Hicks, Sir Cedric Stanton, M.Sc. (N.Z., 1915) - - -	1926	Hodby, Frederic Stephen, LL.B. - -	1925
M.D. (M.B., Ch.B., N.Z., 1923) - -	1936	Hodby, Kenneth Wellesley, M.B., B.S.	1936
Hicks, Dene Alan, M.B., B.S. - - -	1948	Hodby, Lindley David, M.B., B.S. -	1929
Hicks, Edward Paul, M.B., B.S. - -	1951	Hodge, Philip Richard, M.B., B.S. -	1952
Hicks, Francis Gibson, LL.B. - - -	1915	†Hodge, Robert Ley, M.B., B.S. - -	1956
Hicks, Neil Dennis, M.B., B.S. - -	1948	Hodgkinson, Peter Willis, B.Ec. - -	1952
Hicks, Warren Roseveare, B.Sc. - -	1944	Hodgson, Ian Harold, B.D.S. - - -	1950
†Hicks-Hall, Wellesley Ian Norman Sutcliffe, B.E. - - -	1956	Hoff, Lothar Clemens, M.B., B.S. -	1953
Hiern, Maurice Noel, B.Sc. - - -	1952	Hoffman, Jack, M.B., B.S. - - -	1951
Hieser, Ronald Oswald, M.Ec. - - -	1954	*Hogan, Esmond John Campbell, LL.B.	1920
Higginbottom, Edwin Corlett, B.A. -	1920	Hogan, Margaret Mary, B.A. - - -	1950
Higginbottom, Edwin John, B.Ec. - -	1950	Hogan, Philip Cornelius, M.B., B.S. -	1928
Higgins, Alan Leslie, B.E. - - -	1953	Hogarth, David Stirling, LL.B. - -	1931
Higgins, Alfred James, B.A. - - -	1930	Hogben, Roy, B.Sc. - - -	1950
†Higgins, Bruce Ashley, M.B., B.S. -	1956	Hoile, Douglas Edward, M.B., B.S. -	1951
†Higgins, John William, B.A. - - -	1957	Hoile, Edward Murray, M.B., B.S. -	1953
†Higgins, Raymond Hugh Edward, B.Ec. - - -	1956	Holdaway, Frederick George, M.Sc. (Queensland, 1925) - - -	1926
Higgs, Edward Davies, B.Ag.Sc. - -	1950	Holden, Ethel, B.A. - - -	1931
Hilbig, Maxwell John, B.E. - - -	1955	Holden, Geoffrey Raymond, B.Sc. - -	1951
Hilbig, Paul Berthold, B.A. - - -	1930	†Holden, Ralph William, B.Tech. - -	1958
Hill, Albert Charles, B.A. - - -	1914	Holden, Robert William, B.E. - - -	1950
Hill, Alma Isobel, B.A. - - -	1948	Holder, Alison Joyce, Mus.Bac. - -	1941
Hill, Arthur William, D.Sc. (Cam- bridge, 1918) - - -	1927	Holder, Ethel Roby, M.A. - - -	1901
Hill, Douglas Henry, M.B., B.S. - -	1949	Holder, Evan Morecott, B.E. (B.Sc. 1909, surrendered for B.E., 1913) -	1913
Hill, Florence McCoy, B.Sc. (California, 1897) - - -	1927	Holder, Sophia Ellen, B.A. - - -	1906
†Hill, Ivan William, B.Sc. - - -	1956	*Holder, Sydney Ernest, M.B., B.S. -	1913
Hill, John, B.Sc. - - -	1922	Holding, Sheila Dolby, B.A. - - -	1943
Hill, John Albert, B.Sc. - - -	1943	Holdsworth, Leslie McLeod, B.A. - -	1934
Hill, John Distin, B.Sc. - - -	1940	Holland, Charlotte Annie, B.A. - -	1916
†Hill, John Manners, M.B., B.S. - -	1958	Holland, James Williams, B.D.S. - -	1952
Hill, John Seymour Thew Tregarthen, M.B., B.S. - - -	1941	Holland, Joan, B.A. - - -	1944
Hill, Kenneth Arthur, B.Sc. (Eng.) -	1950	Holland, Laurence Corin, M.B., B.S. -	1935
Hill, Malcolm, B.E. - - -	1951	†Hollands, Judith Helen, B.Sc. - -	1956
Hill, Malcolm Robert, M.Ec. - - -	1957	Holliday, Norman Grant, B.E. - - -	1952
Hill, Thomas Benjamin, M.A. (Clark's, U.S.A., 1910) - - -	1920	Hollidge, Alfreda Faith, B.A. - - -	1922
Hill, Hilda Mary, B.A. - - -	1908	Hollidge, David Henry, M.A. - - -	1889
Hillier, Howard Armstrong, B.E. - -	1950	Hollidge, Geoffrey David, LL.B. - -	1926
†Hills, Neville Francis, M.B., B.S. -	1957	Hollis, William Frederick, B.D.S. - -	1955
Hilton, Arthur Robert, B.A. - - -	1909	†Holloway, Beth, B.Sc. - - -	1958
Hilton, Frank Morphet, B.Ag.Sc. - -	1948	Holman, Lawson James, M.B., B.S. -	1954
Hilton, Keith Denyer, LL.B. - - -	1949	Holmes, Angus Spooner, B.A. - - -	1955
†Hine, Felix-Alfons, B.E. - - -	1957	Holmes, Henry Bertram, M.B., B.S. -	1940
Hinde, James Tempest, B.Sc. - - -	1941	Holmes, John Winspere, M.Sc. - -	1955
Hine, Denise Charlotte, M.Sc. - - -	1952	†Holmes, Patricia Langley, B.A. - -	1958
Hine, Florence Pauline, B.A. - - -	1947	Holmes, Reginald Murray, M.B., B.S.	1949
Hirst, Ronald Robert, M.Ec. - - -	1950	Holtham, Richard, B.A. (Queensland, 1916) - - -	1920
Hiscock, Ian David, Ph.D. (M.Sc., 1950) - - -	1952	Holton, Jack Arthur, B.E. - - -	1952
Hiscock, Kenneth George, B.D.S. - -	1952	Homburg, John, LL.B. - - -	1908
		Hone, Alfred Andrew, B.Sc. - - -	1924
		Hone, Brian William, B.A. - - -	1928
		Hone, Effie Jessie, M.B., B.S. (Mel- bourne, 1921) - - -	1938
		Hone, Frank Raymond, B.Sc., M.D. (M.B., B.S., 1920) - - -	1923

* Deceased.

† Not yet Members of the Senate.

*Hone, Frank Sandland, B.A. - - -	1889	†Hudson, Dean Franklin, B.A. - - -	1958
M.B., B.S. - - -	1894	†Hudson, Geoffrey Marshall, B.Ec. -	1957
Hone, Garton Maxwell, M.B., B.S. -	1924	Hughes, Alfred, B.A. (Cambridge,	
Hone, Michael Raymond, B.Sc. - - -	1950	1886) - - -	1889
M.B., B.S. - - -	1954	*Hughes, Gordon Kingsley, D.Sc. - -	1954
Hone, Winifred Ruth Selwyn, B.A. -	1934	Hughes, Harold Timothy, B.Ag.Sc. -	1941
Honnor, Wilfred Weston, B.Sc. - - -	1931	Hughes, James Estcourt, M.S. (M.B.,	
M.E. - - -	1945	B.S., 1926) - - -	1937
Hood, Vivian George, B.D.S. - - -	1950	Hughes, John Burnell, M.B., B.S. -	1952
Hooker, Robert John, B.E. - - -	1951	Hughes, Leslie Donald, B.E. - - -	1949
Hooper, Frederick Harvey, B.Ag.Sc. -	1936	Hughes, Patricia Gliddon, B.Sc. - -	1952
Hooper, Jane Barker, B.A. - - -	1941	Hughes, Robert Douglas, B.D.S. - -	1938
Hooper, Peter Laurence, B.Sc. - - -	1934	Hughes, Robert George, B.Sc. (Eng.) -	1942
Hooper, Rex Truran, M.E. - - -	1949	†Hui, Weng Choon, M.B., B.S. - - -	1957
Hoopman, Friedrich Wilhelm, M.B.,		Human, James Peter Egerton, M.Sc. -	1948
B.S. - - -	1922	Humphrey, Ruth Iris Marie, B.Sc. -	1955
Hoopmann, Eric Paul, M.B., B.S. -	1949	Humphris, Elisabeth Amy, B.A. - -	1952
Hope (nee Fowler), Laura Margaret,		Humphris, Francis Henry, B.E. - - -	1924
M.B., B.S. - - -	1891	Humphris, Francis Ross, B.Ag.Sc. -	1944
Hopkins, Alfred Nicholas, B.A. - - -	1888	Humphry, Alfred Henry, M.B., B.S. -	1937
Hopkins, Brian McDonald, B.Sc. - -	1950	Humphry, Lulu Eileen, B.Sc. - - -	1935
†Hopkins, John McEwan, B.Tech. - -	1958	Hunkin, Leonard Dale, LL.B. - - -	1935
Hopper, Brian William, B.Sc. - - -	1947	Hunkin, Milton Philip, B.A. - - -	1954
Hopton, Peter Phillip Adrian, B.A. -	1947	Hunt, Arnold Dudley, B.A. - - -	1942
*Horder, Thomas Jeeves, Baron of Ash-		Hunt, Arnold Leighton, Ph.D. (B.Sc.,	
ford, M.D. (London, 1899) - - -	1935	1952) - - -	1957
Horman, William Dinwoodie Ackland,		Hunt, Max Aubrey, B.E. - - -	1951
M.B., B.S. - - -	1941	Hunter, Betty Vera, B.Sc. - - -	1947
Hornabrook, Reginald Denys, M.B.,		Hunter, Brian Oswald, LL.B. - - -	1932
B.S. - - -	1925	Hunter, Doris, B.A. - - -	1924
*Hornabrook, Rupert Walter, M.B., B.S.	1896	Hunter, Geoffrey Allan, M.B., B.S. -	1942
Horne, Colin James, M.A. (Oxford,		Hunter, Ronald, M.B., B.S. - - -	1944
1941) - - -	1958	Hunter, Thomas Bowden, M.B., B.S. -	1944
Horton, Robert Ralph, M.B., B.S. - -	1953	Hunwick, Arthur Philip, B.E. - - -	1929
Horvat, Leon, B.A. - - -	1955	Hunwick, Leonard William, LL.B. - -	1936
Horvat, Victor, M.B., B.S. - - -	1955	Hurley, Leonard Joseph Bernard, B.A.	1914
Hosking, David Edgeworth, B.E. (In-		Hurst, Edward Weston, D.Sc. (Birming-	
terim B.Sc. (Eng.), 1942, surren-		ham, 1932) - - -	1941
dered) - - -	1947	Hurst, Harvey Herbert, M.B., B.S. -	1929
Hosking, Herbert Champion, M.B., B.S.	1923	Hurst, Peter Edwin, M.B., B.S. - -	1953
*Hosking, Herbert Clifton, B.A. - - -	1908	Hurst, Walter William, B.Sc. - - -	1916
Hosking, Lochee Maud, B.A. - - -	1931	Hussey, Brian Leitch, B.D.S. - - -	1951
Hosking, Norman Grantham, B.E. (In-		*Hussey, Percival Francis Leitch, M.B.,	
terim B.Sc. (Eng.), 1944, surren-		B.S. - - -	1920
dered) - - -	1947	Hustler, Harry Fenwick, M.B., B.S.	
Hosking, Peter Kay, B.E. - - -	1948	(Melbourne, 1929) - - -	1945
†Hosking, William Rex, B.A. - - -	1958	Hutcheson, George Ian Dewart, B.E. -	1917
*Hoskins, Howard Berthold, B.A. - -	1926	Hutcheson, Gordon Bramwell, LL.B.	1930
Hossfeld, Paul Samuel, Ph.D. (M.Sc.,		Hutchinson, Clive Reginald, B.A. - -	1948
1926) - - -	1953	Hutchinson, Colin Frederick, B.Sc. -	1950
†Hotten, Douglas Ernst, B.Sc. - - -	1956	Hutton, Edward Mark, D.Sc. (M.Sc.,	
Hourigan, Lloyd David, B.Ec. - - -	1950	1940) - - -	1951
Hourigan, Richard Edward, LL.B. - -	1893	Hutton, John Thomas, B.Sc. - - -	1938
Howard, Arthur Ewing, B.A. - - -	1912	Hutton, Tom Allan, LL.B. - - -	1940
Howard, Donald William Digby, B.Ec.	1949	Huxley, Leonard George Holden, Ph.D.	
Howard, Ephrem, B.A. - - -	1937	(D.Phil., Oxford, 1928) - - -	1950
Howard, Juliet Hardman, M.B., B.S. -	1951	Hyde, Alan Graham, B.Ec. - - -	1951
Howard, Leo, M.A. - - -	1943	Hyde, James O'Halloran, M.B., B.S. -	1954
Howard, Peter Felix, B.Sc. - - -	1950	Hyde, Miriam Beatrice, Mus.Bac. - -	1931
Howard, Rex Trowbridge, B.Sc. - - -	1950		
Howard, Ronald Walter, B.E. - - -	1951		
Howard, Yvonne Mary, B.A. - - -	1945		
Howe, George William Osborn, D.Sc.			
(Durham, 1914) - - -	1914		
Howell, Frederick Glenroy Graham,			
B.Sc. - - -	1949		
Howell, Murray Wentworth, B.E. - -	1935		
Howes, David William, M.Sc. - - -	1955		
Howie, Mary Hotham, B.A. - - -	1943		
Howland, Donald John, B.A. - - -	1948		
†Howlett, Diana Rosemary, B.A. - -	1956		
Howlett (nee Hughes), Nellie Ruth,			
B.A. - - -	1941		
Howlett, Philip Thomas Michael, M.A.			
B.Ec. - - -	1947		
Hronsky, Eugenia, M.B., B.S. - - -	1953		
Huang, Su-Eng, B.Sc. - - -	1955		
Hubbard, Margaret Eileen, M.A. - -	1958		
Hubbe, Edith Ulrica, B.A. - - -	1949		
M.B., B.S. - - -	1908		
Hubble, George Dixon, B.Ag.Sc. - -	1922		
Huckson, Ernest John, B.E. - - -	1934		
Huddleston, Leslie Basil, B.Sc. (Eng.)			
1934			
Huddleston, Stanley Ernest, B.Sc. -			
B.E. - - -	1935		

*Deceased.

†Not yet members of the Senate.

Hirwin, Bernard John, B.Ec.	1957	Jenkins, Rex Desmond, B.A.	1941
Irwin, Edith French, B.Sc.	1939	Jenkinson, Herbert Gordon, M.E. (Melbourne, 1916)	1922
Irwin, Graham Wilkie, B.A.	1947	Jenner, Anthony Martin, B.E.	1952
Irwin, John Francis, B.D.S.	1951	Jennings, Bruce Arthur, B.E.	1950
Irwin, Robert Newenham, LL.B.	1929	Jennings, Robert Edward, B.Sc.	1952
Irwin, William Morris, M.B., B.S.	1938	Jennison, Raymond Barracough, B.E.	1950
Isaachsen, Oscar Cedric, LL.B.	1932	Jens, John Matthias Joseph, M.B., B.S.	1934
Isaacs, Susan Sutherland, D.Sc. (Manchester, 1931)	1937	Jensen, Allan Northbrook, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Isles, Keith Sydney, M.A. (Cambridge, 1933)	1941	Jensen, Richard Ian Broughton, B.A.	1951
Isom, Constance Ruth, B.A.	1934	Jensen, Rolf Arthur, B.E. (B.Arch., Liverpool, 1933)	1957
J			
Jack, Fannie Augusta, B.A. (Sydney, 1899)	1913	Jensen, Tom Broughton, B.E.	1938
Jack, Robert Lockhart, B.E. (Sydney, 1899)	1913	Jephcott, Bruce Reginald, B.Sc.	1950
D.Sc.	1930	Jericho, Arnold Mervyn, B.E.	1938
Jack, William Logan, M.B., B.S.	1929	Jessup, Allan Aubrey, M.B., B.S.	1952
Jackman, Frank Downer, B.E.	1924	Jessup, Leonard Clive, M.B., B.S.	1952
Jackman, Lloyd Miles, Ph.D. (M.Sc., 1949)	1952	Jessup, Rupert William, M.Sc.	1948
Jackman, Margaret Elva, B.Sc.	1954	Jew, Ronald William, LL.B.	1937
Jackson, Arthur Marchant, B.A.	1943	Jewell-Thomas, Stephen Rutter Culross, B.E.	1954
Jackson, Edward Arthur, B.Ag.Sc.	1951	Johinke, Albert Keith, B.E.	1952
Jackson, John Frederick, B.Sc.	1945	John, Glen Owen, B.E.	1951
M.B., B.S.	1951	John, Lloyd Vincent, B.A.	1954
Jackson, Norton, B.E.	1941	Johncock, Leonard Percy, B.A.	1926
Jacob, Charles Ernest Frederick, B.E.	1934	Johns, Bennett Gilbert Langman, B.Sc.	1937
Jacobs, Alan Brian, B.Ec.	1949	Johns, Darby Richard, B.Ec.	1958
Jacobs, Donald Arthur, M.B., B.S.	1954	Johns, Robert Keith, B.Sc.	1948
Jacobs, Doreen Miriam, Mus.Bac.	1941	Johns, Rowland Walden, B.E.	1951
Jacobs, Maxwell Ralph, M.Sc.	1936	Johnson, Alan Rhodes, Ph.D. (Leeds, 1953)	1955
Jacobs, Samuel Joshua, LL.B.	1948	Johnson, Bruce, Ph.D. (London, 1955)	1956
Jaffrey, Andrew Maxwell, B.Sc.	1956	Johnson, Christopher Malcolm, B.E.	1952
Jaffrey, John Maxwell, LL.B.	1956	Johnson, Darlene Fraser, B.A.	1957
Jago, John Geoffrey, LL.B.	1955	Johnson, Dorothy Mavis, B.A.	1931
Jakobsen, Hugo, B.A.	1954	Johnson, Edward Angus, M.B., Ch.B. (Melbourne, 1897)	1897
James, Alan Treleven, M.Sc.	1949	M.D. (Gottingen, 1899)	1901
James, Bertha Gwendoline, B.A.	1934	Johnson, Edwin Ralph, B.A.	1931
James, Brian Norman, B.E.	1958	Johnson, Eleanor Elizabeth, B.Sc.	1957
James, Clarence Keith, B.E.	1932	Johnson, Francis Henry, M.A. (Oxford, 1946)	1952
James, Colin Thomas, M.B., B.S.	1942	Johnson, Francis James, B.E.	1952
James, Helen Margaret, B.A.	1941	Johnson, Jeffery William Harwood, LL.B.	1951
James, Paul Reuben, M.B., B.S.	1941	Johnson, Keith Douglas, B.Sc.	1950
James, Richard Cecil, B.A.	1954	Johnson, Margaret Isabel, B.A.	1952
James, Robert Jeffery, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947	Johnson, Peter Ralph, B.Sc.	1941
James, Wesley Hughes, B.Sc.	1919	Johnson, Robert Douglas, B.E.	1955
M.E.	1932	Johnson, Ronald Lisle, LL.B.	1937
James, William Rex, M.B., B.S.	1928	Johnson, Ross Gordon, M.B., B.S.	1958
Janardhan, Narienkadu Mohanarunga, B.E.	1954	Johnson, William Courtenay Saunders, B.A.	1934
Janes, Boris Sebire, M.Sc.	1948	Johnson, William Herbert, B.A.	1911
Jansen, Marcus Gordon, M.B., B.S.	1943	Johnston, Benjamin George, M.B., B.S.	1924
Janzow, Eric Herbert Martin, B.A.	1940	Johnston, Elizabeth, LL.B.	1948
Jarrett, Frank George, Ph.D. (Iowa)	1955	Johnston, Elliott Frank, LL.B.	1940
Jarrett, Ivan Gentry, M.Sc.	1947	Johnston, Lance Galbraith, B.E.	1925
Jarvis, Ronald Harris, M.B., B.S.	1948	Johnston, Ross George, B.D.S.	1936
Jaskewycz, Taras, B.Sc.	1956	Johnston, Thomas Harvey, D.Sc. (Sydney, 1911)	1923
Jauncey, George Eric Macdonnell, D.Sc. (B.Sc., 1909)	1922	Johnstone, Percy Emerson, B.A.	1894
Jay, Hubert Melville, M.B., B.S.	1908	LL.B.	1898
Jay, Peter Gerald, M.B., B.S.	1941	Johnstone, William Watson, M.E.	1947
Jeanes, Brian Hamilton, M.B., B.S.	1953	Jolly, Bertram Morris, M.B., B.S.	1937
Jeanes, John Colin, B.E.	1954	Jolly, Dennis Rawson Penfold, B.Sc.	1953
Jeevaratnam, Appapillai Jacob, M.Ag.Sc.	1956	Jolly, Donald, B.Sc.	1945
Jeffares, Alexander Norman, M.A. (Oxford)	1952	Jolly, Erica Annette, B.A.	1956
Jeffries, Brian Crossley, B.Ag.Sc.	1953	Jolly, Norman William, B.Sc.	1901
Jeffries, Arthur Tarlton, B.Sc.	1908	Jolly, Wallace Wilson, M.S. (M.B., B.S., 1930)	1936
Jeffries, Elizabeth Shirley, B.A.	1957	Jolly, William Alfred Swinburne, B.E.	1948
Jeffries, John Singleton, M.B., B.S.	1942	Jolly, William Richard Norman, B.Sc.	1933
Jeffries, Lewis Wibmer, M.B., B.S.	1907	B.A.	1937
Jeffries, Philip Reid, Ph.D. (Sheffield, 1952)	1953	Jona, Jacob, B.Sc.	1908
Jeffries, Sir Shirley Williams, LL.B.	1909	Jona, Judah Leon, D.Sc.	1910
Jellinek, Hans Helmut Gunter, Ph.D. (Cambridge, 1945)	1951	M.B., B.S. (Melbourne, 1911)	1917
Jenke, Dudley Conrad, B.Sc.	1950	M.S.	1919
Jenkin, Alfred John Roseland, B.A.	1932	Jones, Alan Thomas Britten, M.B., B.S.	1921
Jenkin, Beth Lenore, B.A.	1940	Jones, Albert Edward, LL.B.	1888
Jenkin, Mabel Gertrude, B.A.	1928	Jones, Albert Walter, B.Sc.	1932
Jenkins, Heather Gordon, B.Sc.	1950	M.A.	1944

* Deceased.

† Not yet Members of the Senate.

Jones, Brian Lewis, B.E. (Interim B.Sc. (Eng.), 1946, surrendered)	1949	Karmel, Peter Henry, Ph.D. (Cambridge, 1948)	1951
Jones, Conway Jeffrey, B.Sc. (Eng.)	1958	Kaspiew, Radzen, B.A.	1958
Jones, David Lewis, M.B., B.S.	1945	Katekar, Gerard Frederick, B.Sc.	1958
Jones, Doris Egerton, B.A.	1950	Katekar, Henry John, LL.B.	1937
Jones, Dorothy Irene, B.A.	1911	Kaufman, John Lewis, B.D.S.	1956
Jones, Edmund Britten, M.B., B.S.	1945	Kaupmees, Lennart, M.B., B.S.	1956
* Jones, Frederick Wood, D.Sc. (London, 1910)	1920	Kay, Alexander Theodore, B.E.	1924
Jones, Geoffrey Hedley, M.B., B.S.	1947	Kay, Cecil Bernhard, B.Sc.	1935
Jones, Gwynfred, B.Sc.	1926	Kay, Malcolm John, B.Sc.	1957
Jones, Herbert William, B.E.	1939	Kay, Moutat John Richard, M.A. (Oxford, 1907)	1926
Jones, Jean Murray, M.B., B.S.	1944	Kay, Robert Pringle, B.E.	1926
Jones, Kelvin Lindsay, B.Sc.	1945	Kay, Sylvius Clarence, B.Sc.	1939
Jones, Kenneth Thomas, M.B., B.S.	1951	† Keain, Arthur Patrick, B.A.	1958
Jones, Evan Mander, M.A. (Oxford, 1937)	1948	Keally, Frank Shenstone, B.A.	1951
Jones, Margaret Britten, B.A.	1947	Kean, Eileen Margaret, M.A.	1940
Jones, Michael John, B.A.	1954	Keany, John William, B.E.	1949
Jones, Reginald John, B.A.	1948	Kearnan, Joseph Reginald, LL.B.	1925
Jones, Richard Edmund Britten, M.D. (M.B., B.S., 1941)	1948	Kearney, Bernard James, B.A.	1949
Jones, Robert Britten, M.B., B.S.	1952	Kearney (nee Dorsch), Ida Margarete, B.A.	1926
Jones, Robert Howard, B.Sc.	1940	Kearney, Josephine Agnes, B.A.	1952
Jordan, Deirdre Frances, B.A.	1947	Kearney, Margaret Patricia, M.B., B.S.	1955
Jordan, Denis Oswald, D.Sc. (London, 1953)	1955	Keats, Arthur Lange, B.E.	1937
Jorgensen, Donald Murray, M.B., B.S.	1953	Keats, John Augustus, B.Sc.	1944
Jose, Cleve George, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1947	Keats, Reynold Gilbert, B.Sc.	1948
Jose, Edward Salisbury, B.A. (Oxford, 1904)	1905	Keech, Donald Bruce, Ph.D. (B.Sc., 1953)	1958
Jose, Geoffrey Alan, M.B., B.S.	1948	Keen, Ross Maxwell, B.E.	1954
* Jose, George Herbert, M.A. (Oxford, 1906)	1906	Keeves, Andrew, B.Sc.	1951
Jose, Ivan Bede, M.S. (M.B., B.S., 1915)	1923	Keeves, John Philip, B.Sc.	1945
† Jose, John Salisbury, M.B., B.S.	1957	Keeves, Margaret, B.A.	1944
Joseph, George, LL.B.	1938	Keipert, Leslie James, M.B., B.S.	1918
† Joseph, Hapuarachchige Don Austin Carlo, B.Sc.	1956	* Kekwick, Daintrey Ned, M.B., B.S.	1942
Joseph, Kaniyantha Thomas, M.Ag.Sc.	1958	Kelley, William Brian, B.A.	1951
† Joshi, Jagan Nath, M.B., B.S.	1958	Kelly, Cecil James St. Leger, LL.B.	1924
Joske, John Webster, M.B., B.S.	1955	Kelly, Ellen, B.A.	1923
Joyce, Rosalie Woodruff, B.A.	1929	Kelly, Eric Gordon, M.A.	1925
Joyner, Malcolm Stewart, B.D.S.	1926	Kelly, Ernest James, B.A.	1952
Joyner, Max Frederick, LL.B.	1913	Kelly, Francis, LL.B.	1906
Judd, James, B.A.	1954	Kelly, Francis Peter, LL.B.	1937
Judd, Percival Richard Henry, B.A.	1934	Kelly, Gwenda Mary Christine, B.A.	1949
B.E.	1938	Kelly, John Erwin, LL.B.	1936
Jude, Gertrude Josephine, B.Sc.	1901	Kelly, Michael, M.D. (M.B., B.S., 1928)	1945
Judell, Maurice Wolff, B.Sc.	1903	Kelly, Michael Lawrence, LL.B.	1928
Judell, Trevor Leopold, B.Sc.	1947	Kelly, Patrick Joseph, LL.B.	1924
Judell, Vivienne, LL.B.	1933	Kelly, Thomas Davis, M.S. (M.B., B.S., 1934)	1949
Juett, Christina Margaret, M.A.	1933	* Kelly, Sir William Raymond, LL.B.	1920
† Juhász, Ferenc, B.E.	1958	Kelman, Hilda, M.B., B.S.	1948
Jungerson, Hector Frederik Estrup, D.Sc. (Cambridge, Mass., 1909)	1914	B.A. (Western Aust., 1943)	1949
Junger, Carl Clifford, M.D. (M.B., B.S., 1936)	1949	† Kelsall, George Robert Henry, M.B., B.S.	1958
Junger, Lorenz Wilfred, B.D.S.	1933	Kelsey, Oswald Mortimer, B.E.	1938
Juritz, Charles Frederick, D.Sc. (Cape of Good Hope, 1907)	1914	Kemp, Henry Kenneth, B.Ag.Sc.	1933
* Jury, Charles Rischbieth, M.A. (Oxford, 1923)	1931	Kendrew, George Harry, M.B., B.S.	1917
Juttner, Prudence Anne, B.Sc.	1952	Kenihan, Raphael Leo, M.B., B.S.	1915
K			
† Kaosai, Prachuap, B.E.	1956	Kenihan, Robert Austin, M.B., B.S.	1946
Kawbaidhoon, Sa-ngob, B.Sc.	1952	Kennare, Hugh Daly, B.D.S.	1950
Kahan, Raoul Robellaz, B.Sc.	1911	Kennedy, Alan Duncan, B.A.	1952
Kaines, Macklin, B.A.	1927	Kennedy, Alexander Lorimer, B.E.	1915
Kaines, Raymond Hannay, M.B., B.S.	1926	Kennedy, Desmond Anthony, M.B., B.S.	1955
† Kakulas, Byron Arthur, M.B., B.S.	1956	Kennedy, Donald Edward, M.A. (Melbourne, 1952)	1957
Kalinovsky, Calina, M.B., B.S.	1953	† Kennedy, Geoffrey Sydney, B.Ag.Sc.	1958
Kambala, Jazeps, B.Tech.	1958	Kennedy, John Graham, B.E.	1952
† Kandiah, Kanapathy, M.Sc.	1955	Kennedy, Josephine Margaret, M.B., B.S.	1939
† Kandiah, Kumarasivamy, B.E.	1958	Kennedy, Karin Isobel, B.Sc.	1955
Kaneff, Stephen Dimov, Ph.D. (B.E., 1949)	1956	Kennedy, Philip James Anthony, LL.B.	1954
Kanwar, Jaswant Singh, Ph.D.	1954	Kennedy, Stanley Wallace, Ph.D. (Bel-fast, 1954)	1957
Kappler, Laurel Valma Joy, B.A.	1950	Kennett, Edmund Richard, B.E.	1949
Karim, Abdul (M.Sc., Dacca) Ph.D.	1951	Kenny, Daniel Thomas, B.E.	1951
* Deceased. † Not yet Members of the Senate.			
		Kenny, Martin Lance, B.A.	1940
		Kenny, Patricia Mary, B.A.	1954
		Kent, George Lynden, B.A.	1952
		Kent, Heinz Sigfrid Kopolowitz, Ph.D. (Cambridge, 1955)	1956
		Kentish, Timothy David, B.Ag.Sc.	1949
		Keon-Cohen, Russel Hallel, M.A. (Melbourne, 1925)	1945
		Kerin, John Francis, B.A.	1949

Kerin, Kevin Vincent, LL.B. - - -	1952	Kneebone, Garry Malcolm, M.B., B.S.	1953
Kerr, Allen, Ph.D. - - -	1956	Kneebone, John Henry, M.B., B.S. -	1954
Kerr, Sydney Challen, M.B., B.S. -	1942	Kneebone, John Keith, M.B., B.S. -	1947
Kerr, Colin Gregory, M.A. - - -	1937	Kneebone, John LeMessurier, M.S. (M.B., B.S., 1911) - - -	1921
Kerr, David Ian Bevis, Ph.D. (B.Sc., 1947) - - -	1954	Kneebone, Nance Gordon, B.A. - - -	1950
Kerslake, William James, B.A. - - -	1942	†Knight, Edwin Walter, M.B., B.S. -	1957
Kessell, Abraham, M.B., B.S. - - -	1955	*Knight, Percy Norwood, B.A. - - -	1888
Kessell, John Samuel, M.B., B.S. -	1923	Knight, Ronald Barrington, M.B., B.S.	1933
Kessell, Maurice, M.B., B.S. - - -	1950	Knott, Edgar Donald, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) -	1947
Kessell, Stephen Lackey, M.Sc. - - -	1927	†Knox, Peter Gordon, B.Tech. - - -	1958
Kesting, Louis John, B.A. - - -	1944	Koch, Colin Barry, B.D.S. - - -	1951
†Ketteridge, Colin Ralph, B.D.S. - -	1956	Koch-Emmery, Erwin Karl Theodor, M.A. (Ph.D., Vienna, 1928) - - -	1938
Ketteridge, Ian Bruce, B.E. - - -	1951	†Koehne, Ivan Harold, M.B., B.S. - -	1956
Keynes, Doris Ruth, B.Sc. - - -	1950	Koehne, Marjorie Evelyn, B.A. - - -	1931
Keynes, Nanette Joan, B.A. - - -	1943	†Koehne, Peter David, B.A. - - -	1957
Khoo, Teng Joo, B.A. - - -	1955	Koehne, Raymond Percy, B.A. - - -	1932
Kidd, Rowland James, B.D.S. - - -	1953	†Koerber, Brian Walter, B.Sc. - - -	1956
Kiek, Edward Sidney, M.A. (Oxford, 1910) - - -	1920	Koerner, Carl Frederick, M.E. - - -	1933
Kiek, Laurence Edward, M.A. - - -	1949	B.Sc. - - -	1928
Kiek, Sidney Noel, B.Sc. - - -	1939	Koerner, John Francis, B.E. - - -	1924
Kiek, Winifred, M.A. (B.A., Manchester, 1907) - - -	1929	Kohler, Theodor George, M.B., B.S. -	1946
Kies, Alick Andrew, B.A. - - -	1938	Kohlhagen, Myra Audrey, B.Sc. - -	1955
Kildea, Mary Francis, B.A. - - -	1940	Kollosche, Harold Frank, M.B., B.S. -	1915
Kilgariff, Joseph Thomas, B.E. - - -	1942	Koop, Eric John, B.E. - - -	1949
Kilgariff, Ronald Desmond, B.Sc. - -	1948	Koop, Peter Malcolm, M.B., B.S. - -	1949
Killmier, Arthur Clifford, B.A. - - -	1929	†Korall, Costa Agis, B.Sc. - - -	1956
†Kilmier, Betty Margaret, B.A. - - -	1953	Korymyk, Wsewolod, Ph.D. (B.Sc., 1953) - - -	1957
Kimber, Hugh Robert Reid, B.E. - - -	1940	†Kowanko, Nicholas, B.Sc. - - -	1956
Kimber, Pamela, B.A. - - -	1947	Krantz, Kenneth David, M.B., B.S. -	1941
Kimber, Richard John, B.D.S. - - -	1953	Krantz, Roy, M.B., B.S. - - -	1930
†Kimber, Ronald Walter Lincolne, B.Sc.	1956	Krantz, Sydney, M.B., B.S. - - -	1927
Kindler, John Ernest M.E. - - -	1930	Kranz, Murray Lyall, B.D.S. - - -	1951
†King, Brian Maxwell, B.E. - - -	1956	Krause, Malcolm Rex, B.Ag.Sc. - - -	1947
King, Colin George, B.D.S. - - -	1938	Kretschmer, Gaynor Blanche, B.A. - -	1948
King, Donald, M.Sc. - - -	1950	Krichauff, George Frederick, B.E. - -	1927
King, Edwin George, B.A. (Western Australia, 1942) - - -	1958	†Krichauff, Henry Stead, B.Ag.Sc. - -	1958
King, Jack Naisbitt, M.A. (Cambridge, 1956) - - -	1956	Krieg, Erwin Oswald, B.A. - - -	1947
King, Leonard James, LL.B. - - -	1951	Krieg, Marcus Gustav, B.A. - - -	1941
†Kinlough, Margaret Anne, M.B., B.S.	1958	Kriehn, Adolf Oscar, M.A. - - -	1926
Kinnane, Kenneth James, B.D.S. - -	1952	Kriewaldt, Martin Rudolf Chemnitz, B.A. (Wisconsin, 1922) - - -	1923
Kinnane, Robert Francis, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) -	1947	LL.B. - - -	1925
Kinnear, Andrew Munro, B.E. - - -	1950	†Krishnan, Subramaniaiyer Sivarama, M.B., B.S. - - -	1958
Kinsman, Andrew Guise, B.E. - - -	1954	†Krockenberger, Bruno, B.E. - - -	1956
Kirby, David Bevan, M.B., B.S. - - -	1951	Kruger, James Morris, B.Sc. - - -	1948
Kirby, Mary Maude, B.Sc. - - -	1890	Krumins, Dagmara Eleonora, B.D.S. -	1954
Kirkman, David Norton, M.B., B.S. -	1947	Kryvoviaz, Jaroslav, B.D.S. - - -	1953
Kirkman, Edith Doreen, B.Sc. - - -	1948	Kuchel, Carl Wilhelm August, M.A. -	1912
M.B., B.S. - - -	1951	Kuchel, Clemens Carl, B.Sc. - - -	1934
Kirkman, Kenneth Hainsworth, LL.B. -	1919	Kuchel, Rex Harold, B.Sc. - - -	1942
Kirkman, Lawrence Hayworth, LL.B. -	1949	Kuchel, Robert Erwin, B.Sc. - - -	1947
Kirsten, Marcia Meymott, B.A. (Sydney, 1924) - - -	1952	†Kuhl, Dean Hasting, B.Sc. - - -	1957
†Kirwan, Colleen Joy, B.Sc. - - -	1956	Kuhlmann, Herman Frederick, M.B., B.S. - - -	1943
Kissel, Thomas Alfred, B.A. - - -	1954	Kumnick, Donald Kerr, M.B., B.S. -	1951
†Kitchener, Martin John, B.E. - - -	1957	†Kurczak, Henry, B.E. - - -	1957
Kitson, Mary Cecil, LL.B. - - -	1916	†Kurtz, Clarence Norman, B.A. - - -	1956
†Kiusalaas, Jaan, B.E. - - -	1956	Kurucsev, Tomas, Ph.D. (B.Sc., 1954)	1958
Klaebe, Robert John, B.D.S. - - -	1955	Kutcher, Raymond William Harold, B.E. - - -	1951
Klaebe, Ruth Adelaide, B.A. - - -	1947	†Kuusk, Eda Renate, M.B., B.S. - -	1958
Klauss, Cynthia Beaumont, B.Sc. - -	1953	†Kwok, Hae Leong, B.E. - - -	1957
Kleeman, Alfred William, Ph.D. (M.Sc., 1935) - - -	1955	Kwong, Sea Yoong, B.D.S. - - -	1955
Kleeman, John Richard, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) -	1947	Kyd, Isabel Somerville, B.A. - - -	1937
Kleeman, Peter Wallace, B.E. - - -	1951	Kyd, Margaret Florence, B.A. - - -	1941
Kleeman, Reginald Theodore, B.E. - -	1923	L	
*Kleeman, William Hurtle, B.A. - - -	1934	Lacey, John Salisbury, B.E. - - -	1946
Kleemann, Colin Martin, B.E. - - -	1939	Ladd, Jeffrey Norman, M.Sc. - - -	1955
Klein, Robert, William, M.B., B.S. -	1939	Lade, Kathleen Beatrice, B.A. - - -	1930
Kleinig, Cyril Raymond, B.Ag.Sc. - -	1950	Lade, Norman Edgar, M.A. (Melbourne, 1926) - - -	1937
Kloeden, Louis Adolph, B.A. - - -	1948	Laffan, Anna Estelle, B.A. - - -	1922
Klose, Alfred Emil Johannes, B.A. -	1915	Laffer, Leonard Hughes, B.Ag.Sc. -	1934
Knapman, William Hamilton, B.Sc. -	1951	†Lagzdins, Lia, B.A. - - -	1957
†Knarhoi, Harry Hansen, M.B., B.S. -	1956	†Lai, Mun Seng, M.B., B.S. - - -	1956
Knauerhase (nee Kiek), Margaret Lucy, B.A. - - -	1934	Laidlaw, Donald Hope, LL.B. - - -	1949
Knauerhase, Oscar Carl, M.A. - - -	1943	Laidlaw, William Clarke, B.A. - - -	1938
Kneebone, Christopher Stephen, B.E. -	1920	Lake, Blair Hingston, B.D.S. - - -	1950
Kneebone, Clive Stuart, M.B., B.S. -	1951	Lake, Robb Hingston, LL.B. - - -	1939

* Deceased.

† Not yet Members of the Senate.

Lam, Lambert Teck Choon, M.B., B.S.	1955	Leaney, Peter Anthony, M.B., B.S.	1954
Lamacraft, Kenneth Ronald, B.A.	1954	Leaney, Roy Kent, B.A.	1947
Lamborne, Maxwell Addison, B.A.	1953	Leask, John Hunter, B.E.	1928
Lamey, Charles Sydney, B.A.	1932	Leaver, Edward, LL.B.	1928
Lamey, Gwennyth Eugene, B.A.	1940	Leaver, Kenneth Batten, B.A.	1942
Lampard, Dudley John, M.B., B.S.	1941	Leaver, Sally Lucia Eulalie, B.Sc.	1956
Lampe, Victor Leslie, B.A.	1919	Leckie, Alexander Joseph, Mus.Bac.	1913
Lamphee, Allan Dunstan, M.B., B.S.	1924	LeCornu, Colin George, B.A.	1954
Lamphee, Catherine Elspeth, B.Sc.	1953	Ledger, Gladys May, B.A.	1912
Lamshed, Albert Saville, B.A.	1950	Ledger, William Henry, B.Sc. (B.E., Sydney, 1903)	1906
La Nauze, Barbara Burton, B.Sc.	1937	Leditschke, Friedrich Berthold, M.B., B.S.	1924
La Nauze, John Andrew, B.A. (Oxford, 1934)	1935	Leditschke, Kathleen Dora, B.Sc.	1950
Lander, Harry, M.B., B.S.	1951	Leditschke, John Frederick, M.B., B.S.	1957
Lane, Annie, M.A.	1904	Lee, Chin Tiong, M.B., B.S.	1957
Lane, Douglas James, B.Sc.	1950	Lee, Chye Chow, M.B., B.S.	1955
Lang, Eric, M.E.	1930	Lee, Frank Milton, B.A.	1939
†Lang, Graham Bruce, B.Sc.	1958	Lee, Heather Vivian, B.A.	1947
Lang, Ian Philip, B.Sc.	1951	Lee, Hector John, M.Sc.	1949
Lang, Philip Roy, M.A.	1929	Lee, Kee Ching, B.E.	1958
Lang, Samuel Brambley, B.A.	1949	Lee, Kevin John, B.E.	1954
Lang, Sydney Chapman, B.A.	1896	Lee, Kwok Ching, M.B., B.S.	1955
Lang, William Holland, B.Sc.	1908	Lee, Kwok Poh, B.D.S.	1956
Langevad, Eric James, B.E.	1933	Lee, Lance Maurice, LL.B.	1956
Langford-Smith, Trevor, M.Sc. (B.Sc., Sydney, 1940)	1942	Lee, Raymond Wilson, B.E.	1954
Langridge, John Balcombe, Ph.D.	1956	Leidig, Ludwig Adolf Emanuel, M.A.	1926
Langron, William Joseph, B.Sc.	1947	Leitch, Oliver Westwood, M.S. (M.B., B.S., 1935)	1947
Langsford, Diana, B.A.	1948	Leitch, Raymond John, M.B., B.S.	1956
Langstaff, Lois, B.A.	1944	Lekias, Michael Simon, M.B., B.S.	1955
†Lanyon, Richard Ian, B.E.	1958	LeLachur, Hellier, B.A.	1915
Lapidge, Jack Stanley, B.E.	1935	LeMaistre, Ray Mauger, B.A.	1939
Laslett, George Nield, B.A.	1951	Lemcke, Vincent Andrew Howard, B.A.	1940
Laslett, Ian John, B.Sc.	1950	LeMessurier, David Hugh, B.Sc.	1932
Last, John Murray, M.B., B.S.	1949	LeMessurier, Frederick Neill, M.D. (M.B., B.S., 1913)	1920
Last, Peter Murray, M.B., B.S.	1952	LeMessurier, Robert Ernest, B.E.	1949
Last, Raymond Jack, M.B., B.S.	1924	Lemmy, Ford Frall, B.A.	1951
Latz, Clement Victor, B.Sc.	1955	Lemon, Arnold William, LL.B.	1936
Laubsch, Colin Andrew, B.Sc.	1951	Lendon, Alan Harding, M.B., B.S.	1927
Laught, Keith Alexander, LL.B.	1927	Lendon, Elspeth Lockett, B.A.	1950
Laughton, Frances Elizabeth, B.A.	1941	Lendon, Guy Austin, M.D. (M.B., B.S., 1917)	1922
Laughton, Rosemary Pauline, B.A.	1945	Lennon, Vincent Francis Bennett, M.B., B.S.	1930
Laurence, Joan Mary, B.A.	1935	LePage, Keith Ernest, M.B., B.S.	1952
Laurie, John Buxton, B.E.	1955	†LePage, Patricia Nadeane, B.A.	1958
Laver, John Poynton, B.E.	1952	LePage, Rex Newbury, B.Sc.	1955
Lavis, David Milton, B.Sc.	1949	Leske, Clive William, B.E.	1950
Lavis, John Frederic, M.D.S.	1954	Leske, David, M.B., B.S.	1954
Law, Gertrude Teresa, M.A.	1924	Leske, Elmore, B.A.	1947
Lawrence, Alfred Oscar Platt, B.Sc.	1928	Leske, Kenneth Berthold, B.Ag.Sc.	1948
Lawrence, Bruce Ernest, M.B., B.S.	1927	Leslie (nee Sharman), Florence Mary, M.A.	1919
Lawrence, Gordon Ord, B.D.S. (Mel- bourne, 1922)	1929	Leslie, Jean, M.A.	1932
D.D.Sc.	1945	Leslie, Peter William, M.B., B.S.	1943
Lawrence, James Roland, M.B., B.S.	1954	Leslie, Robert Bradshaw, B.Sc.	1952
†Lawrence, John Robert, B.E.	1957	Le Souef, John Dudley, M.B., B.S.	1948
Lawrence, Robert, M.Sc.	1958	Letcher, Herbert George, M.B., B.S.	1927
Lawrence, Robert John, B.A.	1953	Levitt, Solomon, M.B., B.S.	1950
Lawrie, David Charles, B.Sc.	1954	†Levy, Judith Anne Winstanley, B.Sc.	1956
Lawrie, John Desmond, B.E.	1954	Levy, Rose Winstanley, LL.B. (Western Australia, 1941)	1952
Lawry, Reginald Arthur, B.A.	1943	Lewcock (nee Orrock), Ena Beatrice Faith, B.A.	1926
Laws, Keith William, B.D.S. (Sydney, 1924)	1925	Lewcock, Harry Kingsley, B.Sc.	1923
Lawson, Frederick Henry, B.Sc.	1935	Lewis, Arthur Sangster, B.E.	1930
Lawson, Margaret Elaine, M.B., B.S.	1955	Lewis, Aubrey Julian, M.D. (M.B., B.S., 1923)	1931
Lawson, William Scott, M.B., B.S.	1954	Lewis, Basil Reece, B.Sc.	1944
Lawton, Graham Henry, M.A. (Ox- ford)	1952	Lewis, Colin Hamilton, B.D.S.	1943
Lawton, Peter, Alan, B.Sc.	1950	Lewis, David Alfred, B.Sc.	1943
Lawton, Ralph Stanley, B.A.	1953	Lewis, David Gray, M.Sc.	1957
Laycock, Frederick John, M.B., B.S.	1941	Lewis, Eric Henry, M.D. (M.B., B.S., 1906)	1908
Laycock, Geoffrey Clifton, B.A.	1952	Lewis, Glen Arthur, B.E.	1949
Laycock, Margaret, B.A.	1954	Lewis, Gordon John, B.E.	1951
†Lea, David Alexander Maclure, B.A.	1958	Lewis, Graham Ethelbert, Ph.D. (B.Sc., 1950)	1955
†Lea, John Francis Maclure, B.E.	1957	Lewis, Irene Gwendoline, B.Sc.	1907
†Lea, Richard Henry Maclure, B.E.	1925	Lewis, John Aylward, M.B., B.S.	1944
Leach, Basil Wood, B.D.S. (Melbourne, 1920)	1924	Lewis, Joseph Arthur, B.A. (Western Australia, 1934)	1935
Leach, John Brian, B.D.S.	1947		
Leach, Raymond Basil, B.D.S.	1950		
Leach, Robert William, B.A.	1950		
Leach, Ronald Hubert, M.Sc.	1953		
Leach, William Valentine, M.A.	1923		
Leader, Haynes, LL.B.	1926		
Leak, Brian Hedley, B.A.	1954		
Leaney, Cecil John, M.B., B.S.	1952		

* Deceased.

† Not yet Members of the Senate.

Lewis, Keith Gray, B.Sc.	- - - -	1940	Lock, Maurice Joseph Bayard, B.Sc.	- - - -	1945
Lewis, Keith William, B.E.	- - - -	1952	Lockyer, Kathleen Elaine, B.A.	- - - -	1953
Lewis, Kevin Joseph, B.D.S.	- - - -	1938	+Lodge, John Kenneth Hyde, B.Ec.	- - - -	1957
Lewis, Leonard Arthur, B.Sc.	- - - -	1940	Logan, Ernest Albert William, B.A.	- - - -	1937
Lewis, Mary, B.A.	- - - -	1949	Lohmeyer, Rex Howard, B.E.	- - - -	1953
Lewis, Norman Benjamin, B.Sc.	- - - -	1947	Lohmeyer, Vivian Keith, B.Ag.Sc.	- - - -	1950
+Lewis, Peter Alexander, B.E.	- - - -	1957	Lokan, Keith Henry, B.Sc.	- - - -	1954
Lewis, Raymond Douglas, B.Sc.	- - - -	1939	London, Jack Warfield, B.E.	- - - -	1951
Lewis, Reginald William Frederick, B.E.	- - - -	1925	Long, Eileen Edith, B.A.	- - - -	1939
Lewis, Richard Owen, B.A.	- - - -	1951	Longbottom, David Cox, B.E.	- - - -	1938
Lewis, Robert Brook, B.Sc. (Melbourne, 1941)	- - - -	1947	+Looker, Arthur Jacob Henry, B.E.	- - - -	1957
B.A.	- - - -	1952	+Lorbeer, Hans Joseph, M.B., B.S.	- - - -	1958
Lewis, Roy Newman, B.Sc.	- - - -	1945	Lord, Eric Ross, B.A.	- - - -	1948
Lewis, Stuart Hayes, M.B., B.S.	- - - -	1950	+Lord, Peter, B.E.	- - - -	1958
Leyland, Geoffrey Agar, M.B., B.S.	- - - -	1944	+Lore, John, M.B., B.S.	- - - -	1957
Liddy, Desmond Terence, B.Sc.	- - - -	1950	Lorking, Diana Pauline Elizabeth, B.A.	- - - -	1952
Liddy, John Francis, B.E.	- - - -	1952	Loutit, John Stuart, Ph.D. (B.Sc., 1945)	- - - -	1955
Liebhich, Alvin Frederick, B.E.	- - - -	1940	Loutit (nee Jeffery), Margaret Wyn, M.Sc.	- - - -	1954
Ligertwood, Sir George Coutts (Warden of the Senate), B.A.	- - - -	1908	Love, Clement Vernon, M.B., B.S.	- - - -	1947
LL.B.	- - - -	1910	*Love, James Robert Beattie, M.A.	- - - -	1933
Ligertwood, James Arthur, B.E.	- - - -	1950	Love, John Alexander, M.B., B.S.	- - - -	1915
Ligertwood, Neil Coutts, LL.B.	- - - -	1948	Love, John Holinger, B.A.	- - - -	1951
Ligetii, Piroška Magdalena, M.B., B.S.	- - - -	1954	Loveday, John, M.Ag.Sc.	- - - -	1956
Lilburn, William Embleton, B.E.	- - - -	1954	Loveday, Penelope, B.A.	- - - -	1951
Lilburne, Geoffrey Douglas Roland, M.B., B.S.	- - - -	1949	Lovell, Keith Everett, M.B., B.S.	- - - -	1949
Lill, John Charles, B.E.	- - - -	1955	Lovibond, Sydney Harold, B.A. (Mel- bourne, 1954)	- - - -	1956
Lillecrapp, Douglas Arthur Julian, B.A.	- - - -	1949	Lovick, Lilian Sheelagh, LL.B.	- - - -	1939
Lillywhite, Cuthbert, B.Sc.	- - - -	1899	+Low, Beng See, B.Sc.	- - - -	1958
Lillywhite, John Wilson, B.Sc.	- - - -	1936	Low, Sir Charles John, M.A. (Mel- bourne)	- - - -	1955
+Lim, Kwang Hua, B.E.	- - - -	1957	Lowe, Daphne Rae, M.B., B.S.	- - - -	1951
+Lim, Yong Peng, B.Ag.Sc.	- - - -	1957	+Lowe, Gillian Elizabeth, B.A.	- - - -	1956
*Limbirt, Melville Louis, B.E.	- - - -	1934	Lowe, John Charles, B.Sc.	- - - -	1951
Lindon, John Leonard Henry, M.B., B.S.	- - - -	1952	Lower, Harold Stewart Farnham, M.Sc.	- - - -	1954
Lindon, Leonard Charles Edward, M.S. (M.B., B.S., 1919)	- - - -	1923	Lower, Mark Anthony, LL.B.	- - - -	1948
Lindon, Marten Edward, M.B., B.S.	- - - -	1953	Lower, Mostyn Harcourt, B.Sc. (Eng.)	- - - -	1949
Lindsay, Keith Malcolm, B.A.	- - - -	1939	Lower, Oswald Bertram, M.B., B.S.	- - - -	1939
Lindsay, Thomas Bruce, M.D.S.	- - - -	1950	Lowie, John James, B.Sc.	- - - -	1955
M.B., B.S.	- - - -	1957	Lubich, Joseph Maurice, M.B., B.S.	- - - -	1954
Lines, Dean Franc, B.Sc.	- - - -	1944	+Lucas, Max, LL.B.	- - - -	1958
Lines, Edward Wolryche Low, B.Sc. (Tasmania, 1915)	- - - -	1933	+Lucas, Ralph Mervyn, B.Ec.	- - - -	1956
Lines, George Edward, B.Ag.Sc.	- - - -	1951	+Luck, Janice, B.A.	- - - -	1958
Lines, Helen Nora, B.A.	- - - -	1952	Ludbrook, Wallis Verco, B.Sc.	- - - -	1928
Ling, John Kynaston, M.Sc.	- - - -	1956	Ludford, Colin George, B.Sc.	- - - -	1948
+Ling, Robert Donald Hill, B.E.	- - - -	1957	Lugg, Margaret Edith, B.A.	- - - -	1949
Linke, John William, B.Sc.	- - - -	1953	+Luke, Murdoch Stewart, B.A.	- - - -	1958
Linklater, Peter Munro, B.Ag.Sc.	- - - -	1953	Luke, Thomas Glen, B.Sc.	- - - -	1925
Linklater, Rodney Munro, B.E.	- - - -	1953	+Lum, Allan Douglas, B.Sc.	- - - -	1956
Linn, Beryl Eileen, LL.B.	- - - -	1933	Lum, Laurence Claude, M.B., B.S.	- - - -	1939
Linn, Helen Kathleen, B.Sc.	- - - -	1950	Lundberg, Carl Oscar, B.A.	- - - -	1933
Linn, Howard Wadmore, M.D. (M.B., B.S., 1944)	- - - -	1954	Lungley, Sheila Amelia Gordon, M.B., B.S.	- - - -	1950
Linn, John Graham, M.B., B.S.	- - - -	1950	Lunn, Margaret Anne, LL.B.	- - - -	1931
Linn, John Malcolm, M.B., B.S.	- - - -	1953	Lushey, Frederick Mayne, B.Ec.	- - - -	1942
Linn, Leslie Wadmore, M.B., B.S.	- - - -	1918	B.A.	- - - -	1951
Lipman, Rex John, B.D.S.	- - - -	1951	*Lushey, Harold Merton, M.A.	- - - -	1926
Lippay, Franz Rudolph, M.B., B.S. (M.D., Vienna, 1927)	- - - -	1942	Lushey (nee Wilks), Vida Alice, B.A.	- - - -	1904
D.Sc.	- - - -	1950	Luxton, Clarence Richard Paul, B.E.	- - - -	1950
+Lippett, Richard, M.B., B.S.	- - - -	1957	+Luxton, Russell Estcourt, B.E.	- - - -	1956
Lister, James Dick, M.B., B.S.	- - - -	1954	Lyall, Allen Raymond, M.B., B.S.	- - - -	1954
Liston, Mary Howard, B.A.	- - - -	1950	+Lykke, Athol William John, M.B., B.S.	- - - -	1956
Litchfield, Kenneth Lytle, LL.B.	- - - -	1935	Lynch, John Henry, B.A.	- - - -	1947
+Lithgow, John Neville, B.Ec.	- - - -	1958	Lynch, Martin Alfred, M.B., B.S.	- - - -	1954
+Little, John Anthony, B.E.	- - - -	1957	Lynn, Kenneth Roy, B.Sc.	- - - -	1949
+Liu, Hua-An, B.E.	- - - -	1957	Lyon, Hugh Pearson Dunlop, LL.B.	- - - -	1925
+Liu, Lillian Ling, B.Sc.	- - - -	1957	Lyon, Malcolm Elliot, B.A.	- - - -	1954
Liu, Owen, B.E.	- - - -	1954	Lyons, Henry Emerson Wescombe, M.B., B.S.	- - - -	1940
Llewellyn, Joan Margaret, M.Sc.	- - - -	1951	Lyons, Ruth, M.B., B.S.	- - - -	1942
Lloyd, Denys Morrison, LL.B.	- - - -	1938			
Lloyd, Hugh Arthur, M.B., B.S.	- - - -	1940			
Lloyd (nee Smith), Ida Gwendoline Viner, B.A.	- - - -	1902			
Lloyd, Thomas Rex Viner, B.E.	- - - -	1932			
Loan, Edward Charles, B.A.	- - - -	1903			
Lobascher, David John, M.B., B.S.	- - - -	1955			
Lock, Dorothy Marie Jeanne, B.A.	- - - -	1954			

M

McAnaney, Rita Margaret, M.B., B.S.	- - - -	1926
McAree, Francis Edward, M.B., B.S.	- - - -	1906
McAree, John Victor, M.B., B.S.	- - - -	1905
McArthur, Archibald John, B.E.	- - - -	1949
McArthur, Malcolm Lawrence, B.A.	- - - -	1955
McAskill, Ronald Fergus, B.E.	- - - -	1939
Macaulay, Robert Wilson, B.A.	- - - -	1903
McAuley, John Patrick, B.Ec.	- - - -	1949
McAuley, Maxwell George, B.E.	- - - -	1955

* Deceased. † Not yet Members of the Senate.

† Not yet Members of the Senate.

M

McAuliffe, David Jeremiah, M.B., B.S.	1954	McFarlane, Eileen Dorothea, B.A.	1943
†McAuliffe, Rodney Francis, M.B., B.S.	1956	McFarlane, John Preiss, LL.B.	1936
*Macbeth, Alexander Killen, D.Sc. (Bel- fast, 1914)	1928	McFarlane, Trevor Hector, LL.B.	1937
Macbeth, Anna Maureen, B.Sc.	1943	McFarlane, William Hector, B.Ag.Sc.	1942
Macbeth, Patricia Maeve, B.Sc.	1944	McGee, Colin Raymond, B.Sc.	1953
Macbeth, William Andrew Alexander Greer, M.B., B.S.	1953	McGee, John, LL.B.	1922
McBride, Dorothy Evelyn, Mus.Bac.	1915	Macghey, Mary Veta, M.A.	1930
McBride, Glenorchy, B.Ag.Sc.	1951	McGill, Ian Keith, M.A.	1958
McBride, Mavis Anne, B.A.	1950	McGlashan, John Eric, M.B., B.S.	1909
McBride, Peter, B.E. (Interim B.Sc. (Eng.), 1948, surrendered)	1949	McGlashan, John Gardner, M.B., B.S.	1942
McBride, William John, B.Sc.	1898	McGlashan (nee Gardner), Mary Beatrice, B.A.	1909
McBryde, Frederick Balfour, LL.B. B.A.	1912	McGlasson, William Barry, B.Ag.Sc.	1951
McBryde, Ian Balfour, B.E.	1920	McGlew, Phyllis Dorothy, M.B., B.S.	1918
†McCall, Michael George, M.B., B.S.	1957	McGovern, Thomas Henry, LL.B.	1951
*MacCallum, Sir Mungo William, LL.D. (Glasgow, 1906)	1926	McGowan, George Murray, B.A.	1938
MacCallum, Maurice Daniel, M.B., B.S.	1950	McGowan, Norman Leslie, B.E.	1950
McCann, John Conleth, B.A.	1941	†McGowan, Brian, B.Sc.	1957
McCann, Ralph Newton, M.B., B.S.	1946	McGowan, Myris Irene, B.A.	1954
McCann, William James, M.B., B.S.	1946	McGrath, Ivan Stanley, B.D.S.	1946
McCarthy, Brian Stephen, M.B., B.S.	1948	McGrath, James Patrick, B.A.	1955
McCarthy, Bernard, B.A.	1926	McGrath, Kelvin Paul, B.Sc.	1950
McCarthy, Doreen Franklin, B.A.	1931	McGregor, Gordon Thompson, B.A.	1950
B.Sc.	1940	McGuire, Anthony, B.A.	1955
McCarthy, Ian Ellery, Ph.D. (B.Sc., 1952)	1956	Machell, John Edward Lewis, B.Sc.	1948
McCarthy, Ian John, M.Sc.	1954	Machin, George Herbert, B.E.	1934
†McCarthy, Kenneth Ramsay, LL.B.	1957	Machlin, Simon, M.B., B.S.	1952
McCarthy, Peter Paul, LL.B.	1924	McHugh, Edward Charles, LL.B.	1948
B.A.	1923	McInerney, Thomas John, B.Sc.	1949
McCartney, James Elvins, M.D. (Edin- burgh, 1922)	1953	McInerney, Thomas Taylor, LL.B.	1939
McCloughry, Claude Lancelot, B.E.	1926	†McInnes, Ian Donald, B.D.S.	1957
McConnon, James, B.A.	1925	McIntosh, Gerald Alexander, M.B., B.S.	1944
McCormack, Donald Douglas, M.B., B.S.	1951	McIntosh, Howie James, B.E.	1927
McCormick, Charles William Diehl, B.E.	1953	MacIntosh, Ronald MacKenzie, M.B., B.S.	1941
McCoy, Harold Alexander, M.B., B.S. (Sydney, 1922)	1928	Mack, Douglas Urban Gilbert, B.A.	1940
†McCoy, William Taylor, M.B., B.S.	1956	Mack, Hans Hamilton, B.A.	1880
McGuilough, Amy Margaret, B.A.	1942	McKail (nee Boyer), Gertrude Mary, B.A.	1912
McDonald, Bruce Alexander, B.D.S.	1951	Mackail, John William, LL.D. (Edin- burgh)	1923
McDonald, Colin Robert, B.Sc.	1949	MacKay, Alexander Leslie Gordon, M.A. (Sydney, 1924)	1924
*McDonald, Cyril George Hugh, B.E. (B.Sc., 1913, surrendered for B.E., 1917)	1917	McKay, Douglas Gordon, M.B., B.S.	1927
McDonald, Donald Stuart, B.A.	1937	Mackay, Malcolm George, B.A.	1947
McDonald, Gilbert Sherman, B.A.	1930	McKay, Malcolm William, B.A.	1936
McDonald, Heather Hunter, B.Sc.	1949	MacKay, Margaret Ethel, M.Sc.	1938
McDonald, Hugh Thomas, M.B., B.S.	1953	McKay, Maureen Gordon, B.Sc.	1949
†McDonald, John Gregory, M.B., B.S.	1956	McKay, Ronald George MacAlpine, M.B., B.S.	1941
McDonald, John Hunter, B.A.	1934	Mackay, Samuel Angus, B.Sc.	1921
McDonald, Kenneth Duncan, B.Sc.	1951	McKay, William Alfred, M.A.	1937
Macdonald, Keith Alexander, LL.B.	1932	McKechnie, Alan Francis Clark, B.E.	1924
McDonald, Percy William, B.A.	1932	McKechnie, Elizabeth Lawson, B.A.	1926
McDonald, Peter Baker, B.A.	1950	McKechnie, Kenneth Alexander, B.E. (Interim B.Sc. (Eng.), 1944, surren- dered)	1948
McDonald, Peter de Paul, B.D.S.	1953	†McKellar, John Ralph, B.Sc.	1956
McDonald, Ross, LL.B.	1913	McKelvie, Donald, B.Sc.	1953
†McDonnell, Desmond Leo, M.B., B.S.	1958	McKenna, Donald George, M.B., B.S.	1949
McDonnell, Eileen Mary, B.A.	1929	McKenna, Keith Patrick, M.B., B.S.	1953
McDonnell, Ellen Mary, B.A.	1943	McKenzie, Donald Keith, M.B., B.S.	1927
McDougall, Elisabeth, B.A.	1942	McKenzie, Jean, B.Sc.	1954
McDougall, John, B.E.	1943	McKenzie, Mary, M.B., B.S.	1946
McDowall, Barry Patrick, B.Sc.	1954	†McKenzie, Reginald Murray, B.Tech.	1958
McEachern, Alistair Campbell, M.S. (M.B., B.S., 1926)	1948	†McKie, David Graham, B.A.	1958
McEachern, Morven, B.D.S.	1927	Mackie, Dean Graham, M.B., B.S.	1953
McElligott, John, B.A. (Queensland, 1938)	1940	McKie, Duncan, Mus.Bac.	1938
McEvoy, Aloysius John, B.A.	1937	Mackie, James Joseph, B.E.	1953
McEvoy, Frances, B.Sc.	1952	†McKinnon, Donald Campbell, M.B., B.S.	1957
McEwan, Lena Elizabeth, M.B., B.S.	1949	McKinnon, George Clarence, B.Sc.	1933
†McEwin, Adrian Gardner, B.Ec.	1958	McKinnon, Heather Campbell, B.A.	1952
McEwin (nee Marshall), Betty Waddell, B.Sc.	1943	McKinnon, John Desmond, B.D.S.	1951
McEwin, John Neil, LL.B.	1928	McKinnon, Robert Campbell, B.A.	1934
McEwin, Keith, M.B., B.S.	1912	McKinnon, Robert Keith, B.E.	1950
McEwin, Roderick Gardner, M.B., B.S.	1944	McKinnon, Ross Charles, M.B., B.S.	1952
McFarlane, Alan, B.E.	1953	Macklin, Ellen Dulcie, M.Sc.	1927
		Macklin, Laura Muriel Caterer, B.A.	1934
		Macklin, William Charles, M.Sc.	1956
		*Maclaren, Peter Patrick, B.A.	1915
		McLarty, Thomas Leslie, M.D. (M.B., B.S., 1935)	1947

*Deceased.

†Not yet Members of the Senate.

McLaughlin, Eric Enstone, LL.B.	- -	1935	Maerschel, Barbara, B.A.	- - -	1951
McLaughlin, Eugene, M.B., B.S.	- -	1922	Magarey, Alexander Roy, M.B., B.S.	- -	1941
†McLaughlin, Moira Clare, B.Sc.	- -	1957	Magarey, Ashley Henderson, LL.B.	- -	1938
McLay, Andrew Harold, B.A.	- -	1953	M.B., B.S.	- - -	1940
McLean, Albert Eric, M.A.	- -	1931	Magarey, Brian Attiwill, LL.B.	- -	1948
McLean, Dorothy Alice, B.A.	- -	1927	Magarey, Frank Rees, M.D. (M.B., B.S., 1935)	- - -	1941
McLean, Ian Weymouth, B.Sc.	- -	1952	Magarey, Ivan Sandilands, M.D. (M.B., B.S., 1927)	- - -	1939
McLean, Murray Colin, B.A.	- -	1949	Magarey, James Rupert, M.S. (M.B., B.S., 1938)	- - -	1951
McLean, Reginald Alexander, B.A.	- -	1932	Magarey, Katherine Ashley, B.Sc.	- -	1949
McLean, Sibley Jean, M.Sc.	- -	1951	Magarey, Kathleen de Brett, B.A.	- -	1921
†McLeay, Colin James, M.B., B.S.	- -	1956	B.Sc.	- - -	1932
McLeay, Donald Barton, M.B., B.S.	- -	1947	Magarey, Kevin Barry, B.A.	- -	1950
McLeay, Helen Mary, B.A.	- -	1950	Magarey, Paul Robertson, B.E.	- -	1952
†McLennan, Heather Margaret, B.Sc.	- -	1958	Magarey, Robert Richmond, M.B., B.S.	- -	1951
MacLennan, James Sydney Kilcoy, LL.B.	- - -	1906	Magarey, Rupert Eric, M.B., B.S.	- -	1904
McLeod, Allan John, B.Sc.	- -	1939	Magor, Clifford James, M.A.	- -	1932
McLeod, Douglas Burton, LL.B.	- -	1952	Magor, Irvine Frank, B.A.	- -	1938
McLoughlin, Vincent Patrick, B.A.	- -	1949	Magor, Margaret Elizabeth, B.A.	- -	1955
McMahon, Francis Leslie, B.Ec.	- -	1951	Maguire, John Charles, B.A.	- -	1941
Macmahon, Brian Blackwell, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	- - -	1948	Maguire, Maurice Glen, M.B., B.S.	- -	1953
McManus, John Bernard, B.Sc.	- -	1954	†Maher, John George, LL.B.	- -	1958
McMichael, David Clunie, B.E. (Interim B.Sc. (Eng.), 1942, surrendered)	- - -	1944	Maiden, Leslie Carrington, B.D.S.	- -	1924
McMichael, Kenneth Price, B.E.	- -	1950	Main, Arthur Charles, B.E.	- -	1926
McMillan, James William, M.B., B.S.	- -	1952	Mainstone, John Sydney, B.Sc.	- -	1954
McMillan, Raymond, B.E.	- -	1949	Maitland, James Angus, LL.B.	- -	1932
McMillan, Stanley Lyall, B.Sc.	- -	1949	†Mak, Kai Tye, B.E.	- -	1957
McMurtie, Alan Ian, B.A.	- -	1985	Makin, Frank Humphrey, M.B. (Melbourne, 1901)	- - -	1906
McMurtie, Colin, B.A.	- -	1925	Mallan, James Michael, B.D.S.	- -	1927
†McMurtie, Ian Hugh, B.Sc.	- -	1958	Mallen, Arthur Lindsay, M.E.	- -	1958
McMurtie, Winifred Joan, B.A.	- -	1935	Mallen, Leonard Ross, M.B., B.S.	- -	1925
McNally, John Neilson, B.Sc.	- -	1953	Mallyon, Rebecca Oakley Kingsnorth, B.A.	- - -	1943
McNamara, Agnes, B.A.	- -	1937	Maloney, Joan, B.A.	- -	1951
McNeil, Ian (formerly John), M.B., B.S.	- -	1918	Maloney, Martin James, B.E.	- -	1928
McNeil, Philippa Florence, B.A.	- -	1952	Maloney, Vernon Thomas Steven, B.Sc.	- -	1929
McNicol, David Williamson, B.A.	- -	1937	Mander, Linden Alfred, M.A.	- -	1920
McNicol, John Howard, B.Sc.	- -	1953	Mander, Suzanne Flora, B.Sc.	- -	1949
McPharlin, Alison Tudor, B.A.	- -	1952	Manea, Ernest Cosmo, M.B., B.S.	- -	1949
McPharlin, Deane, B.Sc.	- -	1945	Manea, Spero, M.B., B.S.	- -	1952
†McPheat, Ian William, B.E.	- -	1957	Manassis, Peter Christopher, M.B., B.S.	- -	1952
†McPheat, Leslie John, B.E.	- -	1957	†Mangan, John Arthur, LL.B.	- -	1957
†McPherson, Alexander Owen, B.Sc.	- -	1926	Mangan, John Arthur Leslie, LL.B.	- -	1927
M.A.	- -	1933	†Mann, Airdrie Jean, B.A.	- -	1958
McPherson, Margaret Helen, B.A.	- -	1951	Mann, Edward Thomas, B.E.	- -	1953
McPherson, Mary, B.A.	- -	1947	Mann, Gertrude Irene, B.A.	- -	1919
Macpherson, Reginald Murray, B.A.	- -	1947	†Mann, William Eric, M.B., B.S.	- -	1958
Macpherson, Shirley Helen, B.A.	- -	1941	Mannes, Sylvester Joseph, B.A.	- -	1938
McPhie, Jean Elsbeth, B.Sc.	- -	1945	†Manning, Kathleen Anne, M.B., B.S.	- -	1958
McPhie, John Milroy, M.D. (M.B., B.S., 1942)	- - -	1957	Manoel, Eva Mary, B.A.	- -	1938
†McQuade, Joseph Aloysius, M.B., B.S.	- -	1956	Mansbridge, Harold Edgar, B.Sc.	- -	1949
McQueen, George Hugh, M.B., B.S. (Melbourne)	- - -	1947	Mansfield, Eric William, B.E.	- -	1950
McRobert, Helen Angus, M.B., B.S.	- -	1949	Mansfield, William Walladge, B.Sc.	- -	1943
MacSkimming, Walt Ronald Auscot, B.A.	- -	1950	†Manson, James Ian, M.B., B.S.	- -	1958
McWhae, Douglas Hope, M.B., B.S.	- -	1945	Manthorpe, Thomas Dion, M.B., B.S.	- -	1951
Maddeford, Sheila Lamont, LL.B.	- -	1927	Manuel, Deane James Hubert, B.Ec.	- -	1950
*Maddern, Cecil Boase, D.D.Sc. (B.D.S., 1924)	- - -	1926	Manuel, James Douglas, B.A.	- -	1944
Maddern, Cecil Pomeroy, B.D.S.	- -	1951	Marcus, Irving, M.B., B.S.	- -	1951
Maddern, John Pearce, M.B., B.S.	- -	1948	Mares, Francis Hugh, B.A. (B.Litt., Oxford, 1954)	- - -	1958
Maddern, Martin Randall Foss, B.A.	- -	1937	†Marinkovich, Nevin John, M.B., B.S.	- -	1958
Maddern, Max Wilfred, B.Sc.	- -	1953	Marinos, Nicos George, Ph.D.	- -	1958
Madge, Paul Edward, Ph.D. (M.Ag.Sc., 1953)	- - -	1956	Marker, William Herman, B.E.	- -	1949
Madigan, Claire Phyllis, M.Sc.	- -	1951	Markey, Gregory Barton, M.B., B.S.	- -	1953
Madigan, David Cecil, B.Sc.	- -	1937	Markham, Neville Lawrence, B.Sc.	- -	1952
Madigan, James Francis, B.E.	- -	1952	†Marks, Monica Mary, B.A.	- -	1956
Madigan, Michael Roebourne, M.B., B.S.	- - -	1952	Marlow, Alfred Dudley Roy, B.Sc.	- -	1938
B.Sc.	- - -	1953	Marmion, Robert James, B.Sc.	- -	1918
Madigan, Paul Edward, LL.B.	- -	1922	Marriner, Frank Wilfred, B.Sc.	- -	1949
Madigan, Russel Tullie, M.E.	- -	1957	Marriott, John Edward, B.D.S.	- -	1951
Madison, Thomas Glover, M.B., B.S.	- -	1946	Marsh, Charles William, B.E.	- -	1950
Madsen, Sir John Percival Vissing, B.Sc. (Sydney, 1900)	- - -	1901	Marsh, John Albert, B.Sc.	- -	1952
D.Sc.	- - -	1907	†Marsh, Judith Irene, B.Sc.	- -	1958
Maegrath, Brian Gilmore, M.B., B.S.	- -	1930	Marshall, Annie, M.Sc. (Melbourne, 1930)	- - -	1954
Maelzer, Derek Alan, Ph.D.	- -	1958	Marshall, Herbert Edmund, B.A.	- -	1940
			†Marshall, Lyle Gordon, B.E.	- -	1956
			Marshall, Janette Ruth Watson, M.B., B.S.	- -	1953
			Marshall, Theo John, M.Ag.Sc.	- -	1933
			Marshman, Ashley Mead, B.A.	- -	1936

* Deceased.

† Not yet Members of the Senate.

*Marshman, Ian, M.B., B.S. - - - -	1953	Mattner, Richard Hocking, B.E. - -	1952
Marshman, Wesley Melvyn Tiller, B.D.S. - - - -	1924	Matulich, Ross Noel, LL.B. - - -	1950
Marston, Colin Frederick, B.E. - - -	1951	†Matz, Leonard Raymond, M.B., B.S. -	1958
Marten, Robert Humphrey, jun., B.A. (Cambridge, 1912) - - - -	1913	Mauger, Alan Harris, M.B., B.S. - -	1955
Martin, Alfred Irwin, B.E. - - - -	1928	Mawby, Olga Gates, B.A. - - - -	1922
Martin, Alfred William, B.A. - - - -	1950	*Mawson, Sir Douglas, D.Sc. (B.Sc., Sydney, 1901) - - - -	1909
Martin, Amalia Anna, B.A. - - - -	1930	Mawson, Jessica Quita, B.Sc. - - -	1939
†Martin, Arthur Bruce, M.B., B.S. - -	1956	Mawson, Patricia Mariette, M.Sc. - -	1938
Martin, Bernice Wilma, B.A. - - - -	1945	May, Dorothy Mary, B.A. - - - -	1938
Martin, Beryl Claire, B.A. - - - -	1952	†May, Geoffrey Ernest, B.Ec. - - -	1957
†Martin, Bruce Bamford, B.Sc. - - - -	1957	†May, James Richard, B.E. - - - -	1958
Martin, Bruce Peter, B.E. - - - -	1954	†May, John Colwyn, M.B., B.S. - - -	1958
Martin, Charles Burton, B.A. (Boston, 1948) - - - -	1954	May, John Wilhelm, M.Sc. - - - -	1956
Martin, Sir Charles James, D.Sc. (London, 1896) - - - -	1931	May, Lancelot Harris, B.Sc. - - - -	1949
Martin, David Elwes, B.E. - - - -	1947	May, Leonard Seymour, B.Sc. - - - -	1926
Martin, David Montgomerie, B.Sc. (Eng.) - - - -	1945	May, Roland George, Mus.Bac. - - -	1939
†Martin, Donald Leslie, B.E. - - - -	1956	†Mayfield, John Maxwell, B.Sc. - - -	1958
Martin, Frederick Clarence, M.A. - - -	1932	Maynard, Donald Archer Scott, B.Sc. B.A. - - - -	1938
Martin, Helene Alice, B.Sc. - - - -	1954	Mayne, Robert John Bruce, M.A. (New Zealand, 1926) - - - -	1937
Martin, Ian Holland, M.D. (M.B., B.S., 1942) - - - -	1952	Mayo, Clarice Elton, B.A. - - - -	1935
Martin, John Claude, LL.B. - - - -	1905	*Mayo, George Elton, M.A. - - - -	1926
Martin, John Gerald, B.E. - - - -	1955	Mayo, George Melrose Elton, Ph.D. (B.Ag.Sc., 1945) - - - -	1957
Martin, Jeanne Mary, B.A. - - - -	1953	Mayo, Helen Mary, M.D. (M.B., B.S., 1902) - - - -	1926
Martin, Keith George, B.Sc. - - - -	1952	Mayo, Sir Herbert, LL.B. - - - -	1909
Martin, Lincoln William, M.B., B.S. - -	1931	*Mayo, John Christian, M.D. (M.B., B.S., 1913) - - - -	1946
Martin, Maurice Leon, B.Sc. - - - -	1945	Mayo, Mary Penelope, M.A. - - - -	1937
Martin, Patrick Lawrence, B.D.S. - - -	1954	Mead, Dorothy, B.A. - - - -	1927
Martin, Peter Gordon, Ph.D. (B.Sc., 1953) - - - -	1957	Mead, John William, B.Ec. - - - -	1950
Martin, Ralph Keith, B.A. - - - -	1947	Mead, Marjory, B.A. - - - -	1933
Martin, Stanley Bamford, M.B., B.S. -	1946	Meadows, Arthur Wilkes, Ph.D. (London, 1951) - - - -	1955
Martin, Trevor Wallis, B.D.S. - - - -	1950	Meaker, Arthur Reginald, B.A. - - -	1940
Martin, Walter Raymond, B.A. - - - -	1938	Meaney, Maxwell Francis, B.Sc. - - -	1950
Martin, William Thomas, B.A. - - - -	1914	Meaney, Neville Kingsley, M.A. - - -	1956
†Marzo, Leo Alfred, M.B., B.S. - - - -	1957	Meadsday, Ellen May, B.A. - - - -	1940
Maschmedt, Zillah Daisy, M.A. - - - -	1947	Meadsday, Jack William, B.E. - - -	1948
Maslen, Grant Lewis, B.E. - - - -	1955	Medlin, Edwin Harry, Ph.D. (B.Sc., 1949) - - - -	1956
Mason, Bruce, B.Sc. - - - -	1938	Medlow, David, B.Sc. (Eng.) - - - -	1944
Mason, Robert Claud, B.Sc. - - - -	1951	Medwell, John Gordon, B.A. - - - -	1952
Masters, Ross Lincoln, B.Sc. - - - -	1924	Meiers, John Maurus, B.A. - - - -	1937
†Materne, Desmond Eric, B.A. - - - -	1956	Melbourne, Henry Eoin Sydney, B.E. -	1920
†Materne, Maurice Ernest, M.B., B.S. -	1956	Melbourne, John Clifford, B.E. - - -	1952
Mather, Keith Benson, B.Sc. (Eng.) - -	1942	Melbourne, William Henry John, B.A. -	1949
Matheson, Graham Houston, B.E. (Interim B.Sc. (Eng.), 1946, surrendered) -	1948	Meldrum, Brian Reginald, M.B., B.S. -	1953
Matheson, Pamela, B.Sc. - - - -	1949	Meldrum, Edgar Albert, B.D.S. (Sydney, 1924) - - - -	1925
Matheson, Roderick Grant, LL.B. - - -	1952	Mellanby, Sir Edward, G.B.E., K.C.B., M.D. (Cambridge) - - - -	1951
Matheson, William Edmund, B.Ag.Sc. -	1952	Mellor, Geoffrey Lloyd, M.B., B.S. - -	1947
Mathews, David Stanley, B.Sc. - - - -	1938	Mellor, Thomas Reginald, LL.B. - - -	1920
Mathews, Kenneth Elliott, B.E. - - - -	1953	Mellows, Peter Ernest, M.B., B.S. - -	1947
Mathews, Russell Lloyd, B.Ec. (B.Com., Melbourne, 1950) - - - -	1953	Melville, James, Ph.D. (London, 1934) -	1956
Mathias, Brian Morgan, B.E. - - - -	1952	Melville, Sidney John, LL.B. - - - -	1921
Mathieson, Marjorie Jean, Ph.D. (Cambridge, 1950) - - - -	1954	Melvin, Geoffrey Ronald, M.B., B.S. -	1954
Matters, Horace John, B.A. - - - -	1950	†Melvin, Maxwell Victor, B.A. - - - -	1958
Matters, Reginald Francis, M.D. (M.B., B.S., Sydney, 1916) - - - -	1929	†Menadue, John Laurence, B.Ec. - - -	1956
†Matthew, Evelyn Maime, B.Sc. - - - -	1957	Menear, Ira, B.A. - - - -	1927
Matthew, Ian George, B.Sc. - - - -	1954	†Menear, Yvonne, M.B., B.S. - - - -	1955
Matthews, Gladys Mary Palmer, LL.B. -	1935	*Menz, Anna Magdalene Augusta, B.A. -	1918
Matthews, Harold Pfau, B.E. - - - -	1927	Menz, Emmi Margarete, B.A. - - - -	1932
Matthews, Maurice John, M.B., B.S. - -	1944	Menz, William John, B.Ec. - - - -	1948
Matthews, Richard Trahair, B.A. - - -	1941	Menzies, Ross Bailey, B.E. (Interim B.Sc. (Eng.), 1942, surrendered) -	1947
Matthews, Richard Twitchell, B.A. (London, 1883) - - - -	1884	†Mercer, Donald James, B.E. - - - -	1957
Matthews, Robert Stephen, B.Sc. - - -	1948	Mercer, Edgar Howard, B.Sc. - - - -	1935
Mattingley, Brian John, B.A. (Tasmania, 1937) - - - -	1938	Mercer, Frank Verdun, B.Sc. - - - -	1942
Mattner, Ivy Ida, B.A. - - - -	1948	Merity, John Patrick, LL.B. - - - -	1952
Mattner, Philip Edward, B.Ag.Sc. - - -	1949	Merrett, James Laurence, B.Sc. - - -	1949
		Mertin, Jack Victor, B.Ag.Sc. - - - -	1944
		Messel, Harry, Ph.D. (National University, Ireland) - - - -	1952
		Messent, Esther Mary, B.A. - - - -	1928
		Messent, Keith Santo, B.E. - - - -	1920
		Messent, Sir Philip Santo, M.S. (M.B., B.S., 1918) - - - -	1923
		Messent, Philip William Santo, M.B., B.S. - - - -	1954

* Deceased.

† Not yet

Members of the Senate.

Meyer, Heinrich Carl, B.Sc. - - -	1932	Mitchell, Sir Mark Ledingham, B.Sc.	1923
Meyer, Richard, Leo, B.A. - - -	1953	† Mitchell, Noel John, M.B., B.S. - - -	1956
Michael, James Henry, Ph.D. (M.Sc., 1953) - - -	1957	Mitchell, Percival Harris, B.A. - - -	1906
Michael, Maxwell Roy, B.E. - - -	1951	Mitchell, Roma Flinders, LL.B. - - -	1934
Michael, Peter William, B.Ag.Sc. - - -	1951	† Mitchell, Terrence John, B.A. - - -	1957
Michell, Charles Francis, M.B., B.S. - - -	1921	Mitchell, Thomas Oliver, B.Ag.Sc. - - -	1933
† Michell, Meredith June, B.A. - - -	1958	Mitchell, Sir William, M.A. (Edinburgh, 1886) - - -	1895
Michell, Mignon Norma Howard, B.A. - - -	1944	Mitchell, William Robert, B.E. - - -	1950
Michellmore, Walter Maxfield, B.Sc. - - -	1941	Mitchell, William Russell, B.E. - - -	1948
† Mickan, Erwin Laurence, B.Sc. - - -	1956	† Mitchell, Zonne Marion, B.A. - - -	1956
Mickan, John Herbert, M.B., B.S. - - -	1952	Mitt, Hugo, B.E. - - -	1955
Middleton, Melville John William, B.A. - - -	1941	† Mitton, Jennifer Jean, B.A. - - -	1956
Middleton, William Thomas Steele, B.Sc. - - -	1947	Mitton, Ronald Gladstone, M.Sc. - - -	1928
Mierisch, Robert Johnston, M.E. - - -	1957	Mizon, Errol Alfred, B.Sc. - - -	1948
Mietheke, Adelaide Laetitia, B.A. - - -	1924	Moffatt, Betty Josephine Margaret Douglas, B.A. - - -	1946
Mikuzis, Jonas, M.B., B.S. - - -	1954	LL.B. - - -	1947
Milazzo, Clare Cecelia, B.A. - - -	1952	Moffat, Dorothy Joan, B.A. - - -	1944
Milazzo, Stephen Charles, M.B., B.S. - - -	1949	Moffatt, May Josephine, M.B., B.S. - - -	1911
Mildren, Mary Louise, B.A. - - -	1955	Moffatt, Cathie Douglas, M.B., B.S. - - -	1953
Miles, John Arthur Reginald, M.D. (Cambridge, 1951) - - -	1953	† Moffatt, Graeme Gilbert, B.Ec. - - -	1957
Miles, Perry Ambrose, M.Sc. - - -	1951	Moffatt, Jeannie May Douglas, M.B., B.S. - - -	1953
Milesi, Angelo John, B.Sc. - - -	1927	Moffitt, Richard Barry, B.E. - - -	1952
Mill, James Crowe Davidson, M.B., B.S. - - -	1953	Mofflin, Lionel Hugh, M.B., B.S. - - -	1948
Millard, Colin, B.Ec. - - -	1950	Mohr, Robert Finney, LL.B. - - -	1953
Miller, Annie Rose, B.A. - - -	1934	Molineux, Marion Ruth, B.A. - - -	1954
Miller, Beryl Jessica, B.A. (Tasmania, 1923) - - -	1924	Molineux, Ronald Eugene, B.E. - - -	1947
† Miller, Ian Charles, M.B., B.S. - - -	1958	Molloy, Raymond Brian, B.A. - - -	1950
Miller, Ian Lindemann, M.B., B.S. - - -	1938	Moncrieff, Josephine Hartley, B.A. - - -	1911
Miller, John Keetley, M.B., B.S. - - -	1955	Moncrieff, Mary Kathleen, B.A. - - -	1910
† Miller, John Milton, M.B., B.S. - - -	1957	Moncrieff, Rostrevor Brooke, M.B., B.S. - - -	1952
Miller, Joseph Brendan, B.E. - - -	1951	Monfries, John William Elliott, B.D.S. - - -	1924
Miller, Justin Herbert, M.B., B.S. - - -	1954	Mongan, Horace John, B.E. - - -	1918
Miller, Leslie Gordon, M.B., B.S. - - -	1949	Montgomery, Albert, M.B., B.S. - - -	1955
Miller, Malcolm William, M.B., B.S. - - -	1932	Moodie, Colin Troup, LL.B. - - -	1934
Miller, Margaret Una, B.A. - - -	1928	Moodie, Robert Beresford, LL.B. - - -	1931
Miller, Peter Geoffrey, B.Sc. - - -	1952	Moore, Alan Walter, B.Ag.Sc. - - -	1948
Miller, Raymond Orlando Maurice, B.A. - - -	1905	Moore, Arthur Pariss Reading, D.D.Sc. (B.D.S., 1921) - - -	1926
Miller, Robert Lionel, B.Sc. - - -	1942	Moore, Cecily Anne, B.A. - - -	1954
M.B., B.S. - - -	1947	Moore, Donald Rex, B.Sc. - - -	1922
Miller, Victor John, B.E. - - -	1952	Moore, George Douglas, B.Sc. - - -	1904
Millhouse, Glenn, B.D.S. - - -	1948	Moore, Harold Robinson, M.B., B.S. - - -	1945
Millhouse, Robin Rhodes, LL.B. - - -	1951	Moore, Humphrey Owen, B.Sc. - - -	1932
Millhouse, Vivian Rhodes, LL.B. - - -	1939	† Moore, John Lewis, M.B., B.S. - - -	1957
Milligan, Brian (B.Sc., 1952), Ph.D. - - -	1956	Moore, Kevin Reading, B.D.S. - - -	1951
Millington, Richard James, Ph.D. (M.Sc., Sydney, 1951) - - -	1958	Moore, Max Clifford, M.B., B.S. - - -	1946
Mills, Barbara Joyce, B.A. - - -	1938	† Moore, Murray Ira, B.E. - - -	1956
Mills, Bessie Heather, B.A. - - -	1952	Moore, Phyllis Mary, B.A. - - -	1909
Mills, Dorothy Nell, B.A. - - -	1928	Moore, Robert Brian, B.Sc. - - -	1950
Mills, Eric Baxter, B.E. - - -	1929	† Moore, Robert Clifton, B.A. - - -	1956
Mills, John Archer, M.Sc. - - -	1944	† Moore, Robert Waters, B.Ag.Sc. - - -	1957
Mills, John Brabyn, B.Sc. - - -	1936	Morad, Ahmad Bin, M.B., B.S. - - -	1954
Mills, John Murray, B.A. - - -	1952	Moran, Francis Brian, LL.B. - - -	1948
Mills, John Scott, B.E. - - -	1955	Moran, John Francis, B.D.S. - - -	1941
Milne, Annie Johnson, B.A. - - -	1936	Morcom, Robert Richard, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947
Milne, Kenneth Harvey, B.E. - - -	1925	Morcom, Ross George, B.E. - - -	1955
Milne, Kevin Fowler, M.B., B.S. - - -	1951	More, William St. Barbe, B.Sc. (Western Australia, 1922) - - -	1947
Milner, Desmond Walter, B.E. - - -	1936	Moreland, Jack, M.B., B.S. - - -	1926
Milton, Bernard Eric, B.Sc. - - -	1954	Morey, Bernard Spondley, B.Sc. - - -	1950
Milton, Gerald White, M.B., B.S. - - -	1947	Morey, Geoffrey Wilson, M.B., B.S. - - -	1926
† Milton, Henry Richard, B.E. - - -	1958	Morgan, David Archibald Stevenson, M.B., B.S. - - -	1943
Minahan, Agnes Cecelia, M.A. - - -	1933	Morgan, Edward James Ranembe, LL.B. - - -	1920
Minson, Charles Stanley, B.Ec. - - -	1939	Morgan, Eric Desmond, B.D.S. - - -	1948
† Miocevich, Leonard Stephen James, M.B., B.S. - - -	1958	Morgan, John Phillip, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1953
Miraglia, Carlotta Rosina, B.A. - - -	1953	Morgan, Lloyd, Kenneth, M.B., B.S. - - -	1952
† Misson, Patrick William, M.B., B.S. - - -	1956	Morgan, Owen Brakspear, M.B., B.S. - - -	1952
† Mitchell, Albert Leonard, B.A. - - -	1956	Morgan, Olwen Esther, B.A. - - -	1930
Mitchell, Betty Dawn, B.A. - - -	1947	Morgan, William Matheson, B.E. - - -	1930
Mitchell, Donald Thomas, B.E. - - -	1930	† Moritz, Alan Gilbert, B.Sc. - - -	1957
* Mitchell, Ernest Edwin, Mus.Bac. - - -	1923	Morlet, Geoffrey Claude, M.B., B.S. - - -	1955
Mitchell, Frank Wyndham, B.Sc. - - -	1927	Morphett, Anthony Eddy, B.Sc. - - -	1950
B.A. - - -	1933	Morphett, John Neville, B.E. - - -	1955
M.A. (Ph.D., Lond., 1937) - - -	1943	† Morphett, John Wallace, B.E. - - -	1958
Mitchell, Geoffrey George, M.Sc. - - -	1951	Morris, David Franklin, B.Sc. - - -	1955
Mitchell, George Thomas Jeffrey, M.A. - - -	1932	Morris, Hildred Ione, B.A. - - -	1929
Mitchell, Helen Margaret, B.Sc. - - -	1952		
Mitchell, John Turnbull, B.Ec. - - -	1953		
Mitchell, Leigh Holman, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - -	1948		

* Deceased.

† Not yet Members of the Senate.

Newland, Malcolm Creswell, M.B., B.S.	1938	Norman, William Gowan, M.B., B.S.	1938
Newland, Nancy Benning, LL.B.	1937	Norrie, Douglas Hector, B.E. (New Zealand, 1952)	1957
Newman, Bernard William, B.Sc.	1934	†Norris, Allan Mervyn, B.A.	1956
Newman, Edgar Harold, LL.B.	1894	North, Rita Bridget Rice, LL.B.	1945
†Newman, Jeffrey Howard, B.E.	1957	North, William Ian, M.B., B.S.	1939
Newman, Kenneth Fisher, B.Ec.	1936	Northey, Helen Louise, B.Sc.	1953
Newman, B.A.	1940	Northey, James Douglas, B.A.	1919
Newman, Lewis Arthur, B.Sc.	1925	Northmore, Sir John Alfred, LL.B.	1887
*Newman, Olive Gertrude, B.Sc.	1909	Norton, Margaret, M.A. (Chicago, 1955)	1958
Newman, Ralph Frederic, LL.B.	1945	*Nossal, Peter Maria Joseph Julius, M.Sc. (Sydney, 1948)	1949
Newnham, William Arthur, M.B., B.S.	1946	Nott, Harry Carew, M.B., B.S.	1913
Ng, Andrew Lian Timn, B.A.	1954	†Nottle, Geoffrey Edward, B.A.	1956
†Nichol, Lawrence Walter, B.Sc.	1956	Nugent, Naomi Mary, B.Sc.	1954
Nicholas, Herbert Ahearn, B.D.S.	1950	Nunn, George Marshall, M.B., B.S.	1951
Nicholas, Rowland John, B.A.	1943	Nunn, Kevin Joseph, B.Sc.	1942
Nicholls, Barbara Ruru, B.A.	1941	O	
Nicholls, Colin Herbert, B.Sc.	1949	Oakeshott (nee Scrutton), Patricia Margaret, B.A.	1951
Nicholls, Donald Alfred, M.B., B.S.	1945	Oaten, Harold Richard Hugh Noel, M.B., B.S.	1935
Nicholls, Edward Maxwell, M.B., B.S.	1949	Oats, William Nicolle, B.A.	1932
†Nicholls, Eric Pascoe, M.B., B.S.	1956	†Oborn, Benjamin Watson, B.E.	1956
Nicholls, Henry, B.E.	1938	O'Brien, Brian David, B.E. (B.Sc. (Eng.), 1948, surrendered)	1949
Nicholls, Jack Montague, M.B., B.S.	1946	O'Brien, Francis John Romuald, B.A.	1951
Nicholls, James Herschel, M.B., B.S.	1942	O'Brien, Hartley Eric, B.A.	1939
Nicholls, Jonathan Kingsley, B.A.	1924	O'Brien, B.Ec.	1954
Nicholls, Kelvin Elmo, M.B., B.S.	1948	O'Brien, John Alexander, M.B., B.S.	1947
Nicholls, Leslie Albert, B.Sc.	1949	O'Brien, John Aloysius, B.Ec.	1951
Nicholls, Leslie Herbert, B.A.	1893	O'Brien, Maurice Aloysius, B.A.	1945
Nicholls, Leslie Thorncliffe, B.E.	1948	O'Brien, Ross Pagden, B.E.	1949
†Nicholls, Trevor Thomas, M.B., B.S.	1957	O'Callaghan, Desmond Joseph, B.Sc.	1949
Nichols, Ian Andrew, B.A.	1951	O'Callaghan, Miah Patrick, LL.B.	1937
LL.B.	1953	O'Callaghan, Peter John, B.D.S.	1952
Nichols, Reginald Clarence, B.Sc.	1945	Ockenden, Ralph David, B.D.S.	1948
Nichols, Trevor Charles, B.Sc.	1948	Ockenden, Robert Hartley, B.Ec.	1951
Nicholson, Hugh John Gay, B.E.	1916	Ockendon, Garth Palmer, B.A.	1950
Nicholson, Ian Lancaster, B.E.	1939	O'Connell, Brian John, B.Sc.	1952
Nichterlein, Frieda Pauline, B.A.	1948	O'Connell, Daniel Patrick, Ph.D. (Cambridge, 1951)	1953
Nichterlein, Otto Erhardt, M.A.	1935	O'Connell, William Bernard, M.A.	1933
M.D. (M.B., B.S., 1940)	1943	O'Connor, Deirdre Catherine, B.A.	1950
Nickolai, Max Ronald, B.Sc.	1952	O'Connor, Denise Christobel, B.A.	1947
Nickolls, Peters Michael, LL.B.	1953	O'Connor, Diana Jean, M.B., B.S.	1949
Nicolson, Andrew David, B.Ag.Sc.	1954	O'Connor, John Desmond, M.B., B.S.	1952
Nicolson, Murray Thomas, B.Sc.	1945	†O'Connor, Maxwell James, B.Sc.	1957
†Nield, Alexander Cowell, M.B., B.S.	1956	O'Connor, Peter Joseph, B.A.	1951
Nienaber, Blair, B.E.	1953	O'Connor, Playford D'Arcy, M.B., B.S.	1938
Nietz, Arno Oscar, B.A.	1951	O'Connor, Richard Joseph, M.D. (M.B., B.S., 1932)	1939
Nietz, Herbert Walter, M.A.	1918	O'Connor, Reginald William, LL.B.	1953
B.Sc.	1921	O'Connor, B.A.	1956
Nietz, Ian Arno, B.E.	1954	O'Connor, Walter John, M.D. (M.B., B.S., 1934)	1938
†Nilsson, Carl Sigurd, B.Sc.	1956	O'Daniel, Lionel James, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1947
Nilsson, Neil Alfred, M.A.	1955	O'Dea, Kathleen Mary, M.B., B.S.	1948
Nilsson, Reginald Hakan, B.Ec.	1944	Odium, Leonard Ralph, B.Sc.	1937
†Ninnes, Alan Herbert, B.Sc.	1957	Odium, Reginald Lance, LL.B.	1937
Ninnes, Arthur Reginald, B.A.	1943	Odium, Vernon James, M.B., B.S.	1939
†Ninnes, Patricia O'Moore, B.A.	1957	O'Donnell, Elizabeth Anne, LL.B.	1954
Nitschke, John Edwin, B.E.	1949	O'Donnell, Margaret Helena, B.Sc.	1954
†Nixon, Valerie Collette, B.A.	1957	O'Donoghue, Kenneth Kilian, M.A.	1951
Noack, Charles Hugh, M.B., B.S.	1941	O'Donoghue, Stephen Kevin, B.A.	1912
†Noack, Peter John, B.Tech.	1958	O'Donoghue, Raymond Francis, B.Ec.	1951
Noall (nee Piercy), Olive Edriss, B.A.	1935	†O'Grady, Kevin John, M.B., B.S.	1958
Nobbs, Jack McKay, M.Sc.	1951	†O'Grady, Maureen Therese, B.Sc.	1957
Nobbs, William David, LL.B.	1949	Offord, Thomas Frank, B.Sc.	1951
Nobes, Edith Dorothy, B.Sc.	1921	†Ogilvie, Keith Ross, B.E.	1956
Noble, Andrew Morden, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1948	O'Halloran, Michael William, M.Sc.	1957
†Noble, Elaine Kay, B.Sc.	1958	O'Hara, Brian Isidro, M.B., B.S.	1950
†Noble, Geoffrey Robert, LL.B.	1958	O'Keefe, John, LL.B.	1957
Noble, George Grant, LL.B.	1937	Ohlstrom, Leonore Annie, B.A.	1929
Noblett, David John, B.E.	1950	†Olden, John Albany Niquet, M.B., B.S.	1958
Noblett, Hedley Lindsay, B.A.	1926	Oldfield, Frederick Bernam, B.Sc.	1923
†Noblett, Max Hadden, B.A.	1957	Oldfield, Neil, M.B., B.S.	1940
Nogare, Ronald Raphael Dalle, B.Sc.	1953	Oldham, Brenda Helen, B.A.	1941
†Noite, Bryan Trevor, B.E.	1957	Oldham, Marjory (nee Anderson), B.A.	1915
Nollenius, Harry Edward, B.A.	1902	Oldham, Wilfrid, M.A.	1920
Noon, David Lyon, B.A.	1952	Oldham, Wilfrid Hugh, B.E.	1948
Noonan, John William, B.A.	1952		
†Noonan, Patrick Robert, B.Ec.	1957		
†Nordin, Alfred Walter, B.E.	1937		
Norgard, John Davey, B.E.	1937		
Norman, Albert Edward, B.A.	1948		
Norman, Arthur Edward, B.Sc.	1949		
B.A.	1955		
Norman, Harold Ashley, LL.B.	1947		
*Norman, William Ashley, LL.B.	1911		

* Deceased.

† Not yet Members of the Senate.

O'Leary, Patrick Damian, B.D.S. - - -	1951	Paine, Helen, B.A. - - - - -	1938
Oliphant, Sir Marcus Lawrence Elwin, B.Sc. - - - - -	1923	Paine, Sir Herbert Kingsley, LL.B. - - -	1904
†Oliphant, Michael John, B.Sc. - - -	1958	Paine, Janet, B.A. - - - - -	1944
Oliver, Archibald Robert, M.E. - - -	1952	Painter, Mary Galloway, Mus.Bac. - - -	1952
Oliver, Robert Wallace (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945	Painter, Rowland George, B.A. - - -	1934
†Ollino, Richard, B.Sc. - - - - -	1957	M.B., B.S. - - - - -	1947
°O'Loughlin, Irene May, M.B., B.S. - - -	1938	†Pak Poy, Patricia Geraldine, B.A. - - -	1956
°O'Loughlin, Kevin Thomas, LL.B. - - -	1949	†Pak Poy, Patrick Gerald, B.E. - - -	1958
B.A. - - - - -	1956	Pak Poy, Reginald Kenneth Felix, M.B., B.S. - - - - -	1955
†O'Loughlin, Maurice Francis, LL.B. - - -	1956	°Paley, Clifford Arnold, B.A. - - - - -	1939
Olsen, Paul Engberg, B.E. - - - - -	1941	Palm, Duncan Louis, B.E. - - - - -	1952
Olsen, Edwin Alexander, M.A. - - -	1947	Palmer, Ernest William, LL.B. - - -	1939
Olsson, Athol Julius, LL.B. - - - - -	1920	Palmer, Raymond Amos, B.E. - - -	1953
Olsson, Graham Douglas, LL.B. - - -	1956	Palmer, Robert Hale, B.E. - - -	1953
Olsson, Leslie Trevor, LL.B. - - -	1954	†Palmer, Thomas Robert, B.E. - - -	1958
O'Malley, Charles Ernest Denis, B.E. - - -	1932	Paltridge, Angus Lindsay, B.Ec. - - -	1951
O'Malley, John Edwin, B.A. - - - - -	1945	Paltridge, Richard Noel, B.Sc. - - -	1947
Omond, D'Arcy James, B.E. - - - - -	1949	Paltridge, Terence Brady, B.Sc. - - -	1926
O'Neil, Cornelius Patrick, B.A. - - -	1949	Panabokke, Christopher Rajendra, Ph.D. - - - - -	1957
O'Neill, Marguerite, B.A. - - - - -	1949	Pannell, Peter John, B.E. (Interim B.Sc. (Eng.) 1947 surrendered) - - -	1950
O'Neill, Sydney, M.B., B.S. - - - - -	1917	†Parbo, Arvi Hillar, B.E. - - - - -	1956
Ophel, Trevor Richard, B.Sc. - - - - -	1955	Parham, Anthony Robert, M.B., B.S. - - -	1954
Opie, Alan James, B.E. - - - - -	1953	Parham, Elizabeth Ann, B.A. - - - - -	1950
Opie, Brian Preston, B.E. - - - - -	1949	Park, Ruth Alison, B.A. - - - - -	1939
†Opie, Brian Bruce, M.B., B.S. - - -	1950	Parker, Cecil David, B.Sc. - - - - -	1932
Opie, Roger Gilbert, M.A. - - - - -	1951	Parker, George Lucas, B.E. - - - - -	1948
Opie, Thomas Schulz, B.A. - - - - -	1923	Parker, Mina Evelyn, B.A. - - - - -	1930
Opit, Julius Marcus, B.Sc. - - - - -	1955	Parker, Murray Harold, M.Sc. - - - - -	1952
Opit, Louis Jonah, M.B., B.S. - - -	1949	†Parker, Ross Lloyd, B.E. - - - - -	1957
Oram, Rex Neville, B.Ag.Sc. - - - - -	1953	Parkhouse, Devon, M.B., B.S. - - -	1907
†Orchard, Donald Ralph, B.E. - - - - -	1956	Parkhouse, Thomas William, B.Sc. - - -	1940
Osborn, Edith May, B.Sc. (M.Sc., Manchester, 1908) - - - - -	1912	Parkin, Dorothy Joan, B.A. - - - - -	1936
Osborn, Peter William, B.Sc. - - - - -	1949	Parkin, Leslie Wedgwood, M.Sc. - - -	1949
Osborn, Rowen Frederic, B.A. - - - - -	1947	Parkinson, Kevin John, B.Sc. - - -	1949
Osborn, Theodore George Bentley, B.Sc. (M.Sc., Manchester, 1911) - - -	1912	†Parks, Veronica June, M.B., B.S. - - -	1958
Osborn, Thomas Raymond, B.Sc. - - -	1942	†Parr, Stanley Robert, B.Ec. - - - - -	1957
Osborne-White, Douglas Arthur, B.E. - - -	1952	†Parrott, Charles Philip, B.Tech. - - -	1958
†Osborne-White, William Sidney, B.Sc. - - -	1956	Parry, Doris, B.A. - - - - -	1931
Osman, Boris, B.E. - - - - -	1940	Parsons, Albert Christian, B.E. - - -	1950
Osman, Neile, M.A. - - - - -	1945	Parsons, Barbara, B.A. - - - - -	1949
Osmond, Phyllis Dawn, B.A. - - - - -	1949	†Parsons, Colin, B.A. - - - - -	1958
O'Sullivan, James David, LL.B. - - -	1949	Parsons, Geoffrey Bonython Angus, M.A. (Cambridge, 1932) - - - - -	1935
O'Sullivan, John Joseph, B.A. - - - - -	1953	Parsons, Harold Stephen, Mus.Bac. - - -	1912
†Oswald, Peter James, B.Tech. - - - - -	1958	†Parsons, Ian Ross McKenzie, B.Med.Sc. - - -	1958
Othams, Dorothy Elizabeth, B.A. - - -	1925	Parsons, Peter Angus, B.Ag.Sc. - - -	1955
Othams, Herbert Reginald, B.A. - - -	1937	Parsons, Philip Brendon Angus, LL.B. - - -	1928
Otto, Lance Martin, B.E. - - - - -	1954	Parsons, Ralph Whaddon, B.E. - - - - -	1948
†Otto, Max Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - - - - -	1948	Parsons, Rex Whaddon, M.E. - - - - -	1926
†Owen, Evan Thomas, M.B., B.S. - - -	1956	Parsons, Ronald Lewis, B.E. - - - - -	1942
Owen, Gwenyth Winsome, B.A. - - -	1941	Parsons, William Ross, B.A. - - - - -	1948
†Owen, Indra Joshua, B.Ec. - - - - -	1956	Parton, Arthur Leigh, M.B., B.S. - - -	1944
Owens, Arthur John, B.Sc. - - - - -	1926	†Partridge, Judith Lois Mary, B.A. - - -	1958
P			
Packer, Arthur Dudley, M.Sc. - - - - -	1951	Partridge, Wilfrid Gordon McDonald, M.A. - - - - -	1947
M.D. (M.B., B.S., 1942) - - - - -	1951	Pascoe, Douglas Everett, B.Ec. - - -	1948
Packer, John Stuart, B.E. - - - - -	1953	Pascoe, Pauline Ina, M.B., B.S. - - -	1955
Packer, Mina, B.D.S. - - - - -	1933	Pash, Hannah June, M.B., B.S. - - -	1946
†Padgett, Terry Maxwell, B.Tech. - - -	1958	Pash, Hannah Rita, B.A. - - - - -	1930
Padman, Clara Helen, B.A. - - - - -	1904	Pash, Jeffrie Herbert, B.A. - - - - -	1938
Padman, Mabel Margaret, B.A. - - - - -	1941	Pash, Spencer, M.Sc. - - - - -	1952
Padman, Marsden Waterhouse, B.E. - - -	1923	†Patching, Desmond William John, M.B., B.S. - - - - -	1956
Padman, Maurice Skipsey, B.A. - - -	1931	Pater, Graham Stephen, B.D.S. - - -	1951
Padman, William Donald, LL.B. - - -	1933	Paterson, Alexandra Jean, B.Sc. - - -	1949
Paech, Bernice Mary, B.A. - - - - -	1950	Paterson, Alfred Harold, B.A. - - -	1937
Paech, John Adolph, B.A. - - - - -	1942	Paterson, Dennis Craig, M.B., B.S. - - -	1954
Page, Albert Edward, B.A. - - - - -	1914	Paterson, John Levett, B.E. - - - - -	1950
Page, Dean Campbell, LL.B. - - - - -	1954	Paterson, Keith McGregor, B.E. - - -	1932
Page, Eleanor Florence, B.A. - - - - -	1940	Paterson, Mervyn Silas (Interim B.Sc. (Eng.), 1943, surrendered), B.E. - - -	1945
Page, Geoffrey Wilton, B.D.S. - - - - -	1940	†Paterson, Robert George, B.A. - - -	1958
Page, Gertrude Erica, B.Sc. - - - - -	1945	Paterson, Ross, B.Sc. - - - - -	1953
Page, Leland Ivor, M.B., B.S. - - - - -	1952	Paton, Adolph Ernest, B.E. (B.Sc., 1902, surrendered for B.E., 1915) - - -	1915
Page, Maurice Roy, B.E. - - - - -	1950	Paton, Alfred Maurice, B.Sc. - - - - -	1898
Page, Ronne Earle, B.A. - - - - -	1949	°Paton, Dora Isabel, B.Sc. - - - - -	1902
Pahl, Paul David, B.A. (N.Z., 1941) - - -	1943	Paton, Margaret Anne, B.A. - - - - -	1954
Paholski, Francis Edmond, B.E. - - -	1953	Paton, Robert, M.B., B.S. - - - - -	1951
Paice, William Osborne, B.A. - - - - -	1953	Patrick, Elsie Furneaux, Mus.Bac. - - -	1925
†Pain, Roy Willoughby, M.B., B.S. - - -	1957	†Patterson, John Howard, B.Sc. - - -	1958

° Deceased.

† Not yet Members of the Senate.

Patterson, Keith Raymond, LL.B. - -	1937	Petrie, Enid Beatrice, Mus.Bac. - -	1935
Patterson, William Friedrich, B.E. - -	1934	† Petrikas, Elvira, M.B., B.S. - -	1958
Pattinson, Baden Powell, LL.B. - -	1921	Pettit, Garth Derwood, B.D.S. - -	1953
Paul, Kevin Carroll, B.Sc. - -	1935	Pettit, Rowland, Ph.D. (M.Sc., 1950)	1954
Paul, Alec Gordon, B.Sc. - -	1920	Pfeiffer, Edgar Reginald, B.Sc. - -	1953
M.A. - -	1932	Pfeiffer, Gordon James, B.D.S. - -	1949
Paul, Colin Gordon, M.B., B.S. - -	1953	Pfeiffer, Norman, B.A. - -	1938
Paul, Torrance Arnold, M.B., B.S. - -	1947	Pfützner, Eric Norman, M.A. - -	1933
Pavia, Roy Rowling, B.A. - -	1913	Pfützner, Leo Wilkin, B.E. - -	1953
Pavy (nee Froud), Emily Dorothea, B.A. - -	1906	† Pfützner, Murray Ackland, M.B., B.S. - -	1953
Pavy, Harold Keith, M.B., B.S. - -	1919	† Pfützner, Victor Carl, B.A. - -	1958
Pavy, Ian Gordon, M.B., B.S. - -	1943	Phillipps, Herbert Tarlton, B.Sc. - -	1905
Pavy, John Keith, M.B., B.S. - -	1952	Phillipps, Keith Herbert, B.E. - -	1951
Pavy, Rosemary Dorothea, M.B., B.S. - -	1948	Phillips, Albert Maurice, B.E. - -	1941
Pawsey, David Christian, B.E. (B.E.E. Melbourne, 1947) - -	1954	Phillips, Alan Dunstan, M.B., B.S. - -	1947
Payne, George Basil, B.A. - -	1935	Phillips, Basil Wright, B.D.S. - -	1950
Payne, Louise Mary Gwyther, B.A. - -	1914	Phillips, Charles Leslie, B.D.S. - -	1926
Paynter, Norman Catchlove, B.A. - -	1937	Phillips, Colin William, M.B., B.S. - -	1951
Peake, Noel Horace, M.B., B.S. - -	1954	Phillips, Earnest, LL.B. - -	1908
Pearce, Alfred Moreton, B.A. - -	1951	Phillips, Gordon Gilbert, B.A. - -	1940
Pearce, Charles Clifton, B.A. - -	1938	Phillips, James Henry, B.E. - -	1948
Pearce, Desmond Beresford Newman, B.Sc. - -	1951	Phillips, James Howard, B.Sc. - -	1902
† Pearce, Helen Ruth, B.A. - -	1958	Phillips, Muriel Edith, B.A. - -	1935
Pearce, Ronald Sandison, Ph.D. (B.Sc., 1948) - -	1955	Phillips, Murray Norman (Interim B.Sc. (Eng.), 1942, surrendered) B.E. - -	1945
Pearce, Trevor Sandison, B.A.Sc. - -	1953	Phillips, Murray Thomas, B.E. - -	1947
Pearcy, Lyn Harley Draper, M.B., B.S. - -	1953	Phillips, Pamela Rosemary, M.B., B.S. - -	1951
Pearman, Reginald John, B.Sc. - -	1954	Phillips, Ronald Mervyn, B.A. - -	1951
Pearson, Halley James Crawford, B.A. - -	1944	† Phillips, Walter Wynne, B.A. - -	1958
Pearson, Leslie Norman, B.A. - -	1941	Phillips, William James Ellery, M.B., B.S. - -	1915
Pech, Herman, B.A. - -	1947	Phillipson, Coleman, LL.D. (Manchester, 1908) - -	1920
Pech, Rufus, B.A. - -	1947	Pickering, Arthur Lawrence, LL.B. - -	1925
Pedler, John Meavious, M.B., B.S. - -	1935	Pickering, Ronald Franklin, B.Sc. - -	1946
Pedlow, Clarice, B.Sc. - -	1942	† Pickering, Trevor George, M.B., B.S. - -	1958
Peirce, Alan Wilfred, D.Sc. - -	1947	Pierson, Robert Arthur, B.A. - -	1954
Peirce, Reginald Frank, B.A. - -	1938	Pietsch, Clemens Henry, M.B., B.S. - -	1945
Pellow, Henry Edwin, M.B., B.S. - -	1924	Pike, Colin Edwin, LL.B. - -	1954
Pellow, Janie Christobel, B.D.S. - -	1932	Pike, Douglas Henry, D.Litt. (M.A., 1951) - -	1957
Pellow, Lancelot Vivian, LL.B. - -	1922	Pike, Geoffrey Howard, M.B., B.S. - -	1953
* Pellow, Leonard James, M.B., B.S. - -	1906	Pile, Kenneth Charles, B.E. - -	1949
Pellow, Leonard James Ternouth, M.B., B.S. - -	1932	Pilgrim, Alan Flinders, B.Sc. - -	1936
Pellow, Richard Alfred Amyas, M.B., B.S. - -	1934	* Pilgrim (nee Lipsham), Kate Caroline, B.A. - -	1905
Pelton, Louis Alfred Hall, B.Sc. (Eng.) - -	1942	Pillay, Elagu Sithampara, M.B., B.S. - -	1954
* Pengelley, Hugh Price, B.E. - -	1945	Pilton, Phyllis Evelyn, B.Sc. - -	1955
Pengelley, John Michael, B.E. - -	1952	Piper, Clarence Sherwood, D.Sc. (M.Sc., 1928) - -	1942
Pengilly, Clifford Kipling, B.E. - -	1930	Piper, Cyril Thomas, M.B., B.S. - -	1924
Pengilase, Dean Trestrail, B.E. - -	1951	Piper, Flora Elizabeth, B.A. - -	1924
Penman, Thomas Oliver, B.E. (B.Sc. (Eng.), London, 1948) - -	1956	Piper, Francis Ernest, LL.B. - -	1921
Penn, John Halbert, B.E. - -	1953	* Piper, Harold Bayard, LL.B. - -	1914
Pennington, Beryl, B.A. - -	1942	Piper, Herbert Walter, B.A. - -	1938
Penna, Elwyn Dunstan, B.A. - -	1952	Pirotta, Thomas, M.B., B.S. - -	1955
Penny, David Harry, M.Ec. - -	1958	Pitcher, Cyril Frederick, M.B., B.S. - -	1911
Penny, Harold John, M.B., B.S. - -	1913	Pitcher, Maurice Knight, B.Sc. - -	1925
Penny, Hubert Harry, M.A. - -	1932	Pitcher, Russell Barton, M.B., B.S. - -	1948
† Penny, John Philip, B.Sc. - -	1958	Pitcher, William Bonython, B.Sc. - -	1945
Pennycuik, Stuart Wortley, D.Sc. (B.Sc., Queensland, 1919) - -	1923	Pitman, Beresford Ernest, B.Sc. - -	1945
Pentreath, Arthur Godolphin Guy Carleton, M.A. (Cambridge, 1928) - -	1985	B.A. - -	1955
Pereira, John Evelyn De Haan, B.A. - -	1945	Pitt, Arthur William, M.A. - -	1915
Perkins, Brian Randall, B.Sc. - -	1955	Pitt, George Henry, B.A. - -	1920
Perkins, Horace James, Mus.Doc. (Mus.Bac., 1928) - -	1943	Pitt, Marjorie Una, B.Sc. - -	1925
Perkins, Marie Pauline, B.A. - -	1949	Place, Ullin Thomas, M.A. (Oxford, 1949) - -	1953
Perrett, Lance Victor, M.B., B.S. - -	1952	Platt, Albert Edward, M.D. (M.B., B.S., Sydney, 1927) - -	1937
Perry, Audrey Vivienne, LL.B. - -	1949	Platt, John Talbot, B.A. - -	1951
Perry, Dulcie May, B.A. - -	1939	Platten, Newell James, B.E. - -	1951
Perry, Rayden Alfred, M.Sc. - -	1956	Playford, Malcolm Noel, LL.B. - -	1937
† Perry, Robert George, B.E. - -	1956	Playford, Margaret Claire, M.B., B.S. - -	1955
† Peter, Beth Ellen, B.Sc. - -	1957	Pleuckhahn, Vernon Douglas, M.B., B.S. - -	1949
Peters, Brian Harry, M.B., B.S. - -	1948	Plimmer, Geith Alfred, B.A. - -	1930
Peters, Geoffrey Ernest, B.A. - -	1925	Plummer, Alexander Philip, B.D.S. - -	1941
M.B., B.S. - -	1927	Plummer, Reg Garnet, M.B., B.S. - -	1906
Peters, George Francis, B.Sc. - -	1948	Plummer, Rex Grose, M.B., B.S. - -	1937
Peterson, Jean Clarice, B.A. - -	1940	Plummer, Violet May, B.Sc. - -	1891
Petrie, Charlotte Marion, M.A. (St. Andrews, 1923) - -	1939	M.B. (Melbourne, 1897) - -	1897
		Plummer, Violet Myrtle, M.B., B.S. - -	1932
		Plunkett, Norman Ambrose, B.E. - -	1926

* Deceased.

† Not yet Members of the Senate.

Plush, Donald Seward, B.Ag.Sc.	1948	Prenzler, Theodor Carl, B.A.	1955
Pobjoy, Alice Blake, B.A.	1918	Prescott, Rupert Warre, B.A.	1930
Pocius, Martynas, B.E.	1955	Prescott, James Arthur, B.Sc. (M.Sc., Manc., 1919)	1924
Pocock, Edward Robert, M.A.	1958	D.Sc.	1932
Pohlman, William Frederick Claude, B.Sc.	1926	Prescott, John Russell, B.Sc.	1944
Poidevin, Leslie Oswyn Sheridan, M.B., B.S. (Sydney, 1938)	1952	Presgrave, David Kenneth, B.Tech.	1958
Polasek, Metodey, B.Ec.	1958	Prest, David Harris, B.Sc.	1953
Polasek, Norman, B.Sc.	1956	Prest, Elizabeth Maurine, M.B., B.S.	1951
Pole, Audrey Elizabeth, B.A.	1947	Prest, Henry Gordon, M.B., B.S.	1925
Polkinghorne, Graham Keith, B.E.	1954	Prest, Jennifer Anne, B.A.	1957
Polkinghorne, Kate Elinor, B.A.	1931	Prest, Robert Henry, B.A.	1957
Polkinghorne, Keith, B.A.	1936	Preston, John Arthur Rowland, M.B., B.S.	1955
Polkinghorne, Noel Francis, B.A.	1934	Preston, Tom, B.E.	1924
Pollnitz, Eunice Adah, B.A.	1938	Price, Archibald Grenfell, M.A. (Oxford, 1919)	1920
Polomka, Simon Peter, B.Ag.Sc.	1955	D.Litt.	1932
Polson, Reginald Alexander, B.E.	1929	Price, Arthur Jennings, LL.B.	1890
Pomroy, Alan Browning, B.E.	1938	Price, Charles Archibald, B.A.	1944
Pomroy, Richard Osborne, B.E.	1923	Price, Charles William Russell, M.B., B.S.	1932
Ponnia, Anthonipillai, B.E.	1954	Price, Ione Dorothy, B.A.	1948
Ponsford, Joan Helen, B.Sc.	1946	Price, James Robert, D.Sc. (M.Sc., 1935)	1954
Poolle, Dorothea Landon, M.A.	1906	Price, Joan Isabel, B.A.	1938
Poolle, Frederic St. John, M.B., B.S.	1909	Price, Kenneth Bonamy, B.A. (Oxford, 1949)	1951
Poolle, Gilbert Graham, B.Sc., B.E.	1921	Price, Trafford Conon, B.Sc.	1957
Poolle, Richard John, B.E.	1951	Price, Winifred Vera, B.A.	1949
Pope, Geoffrey Weston, B.Sc.	1951	Prider, Valentine Aubrey Hamilton, B.A.	1951
†Pope, John Travers, B.E.	1957	Pridham, Geoffrey Jasper, LL.B.	1953
Pope, Kenneth Geoffrey, M.Sc.	1949	B.A.	1955
Pope, Kathryn Hilary, B.A.	1952	Pridham, Lancelot Robert, B.Sc.	1947
Pope, Peter Myles Burton, B.E.	1949	Pridmore, Roy Vernon, B.Sc.	1925
†Porra, Robert John, B.Sc.	1957	M.B., B.S.	1929
Porter, Ailsa Rosemary, B.Sc.	1955	†Priebbenow, Clarence Raymond, B.A.	1958
Porter, Harold George, B.A.	1941	Priest, Amy Grace, M.A.	1923
Porter, Kingsley Clarence, M.B., B.S.	1942	Priest, Reginald Arthur, B.Sc.	1951
†Porter, Mervyn Kingsley, B.A.	1958	Prime, Andree Joyce, B.A.	1945
Porter, Reginald Bernard, B.Sc.	1953	Prime, Henry Ashworth, M.Sc. (Manchester, 1946)	1954
Porter, Robert, B.Med.Sc.	1954	Prince, Erica Lloyd, B.A.	1913
Porter, Ronald Frank, B.D.S.	1940	Pritchard, John Joseph, B.Sc.	1934
Porter, Thelma May Edith, B.A.	1941	Pritchard, John Nelson, B.A.	1954
†Portus, Garnet Vere, M.A. (Oxford, 1917)	1935	Pritchard, Robert Keith, B.Ag.Sc.	1953
Posen, Solomon, M.B., B.S.	1955	Pritchard, Vita, B.A.	1941
Posingham, John Victor, M.Sc.	1955	Proctor, Ivy Millicent, B.A.	1935
Posingham, Maxwell Leonard, B.Sc.	1954	Proctor, Rose Emily, B.A.	1934
B.E.	1956	Prosser, Victor Albert, B.Ec.	1951
Postle, Douglas Gordon, M.B., B.S.	1941	Proud, Millicent Farrer, M.A.	1915
Postle, Herbert Thomas, LL.D. (Melbourne, 1920)	1922	Proudman, Dorothy Mena, B.A.	1951
Potter (nee Bates), Betty, B.Sc.	1939	Proudman, William David, M.B., B.S.	1952
B.A.	1942	Probert, James Keith Stewart, B.Sc.	1951
Potter, Brian John, M.Sc.	1950	Prouse, Kenneth George, B.A.	1948
Potter, Frank Jacques, LL.B.	1947	Provis, Douglas Franklin, B.Sc.	1950
B.A.	1957	Pryce, Michael Arthur Gillies, B.E.	1957
Potter, John Colin, B.Ag.Sc.	1948	†Pryke, Jenneth Meriel, B.Sc.	1957
†Potter, John Stanley, B.Ag.Sc.	1957	Pryor, Colin Hutson, M.B., B.S.	1952
†Potter, Maurice Martyn, B.Sc.	1957	Pryor, Cecilia Marie, Mus.Bac.	1932
Potter, Roy Adolph, M.A.	1923	Pryor, Eric John, B.A.	1931
Potter, Vernon Wheatley, M.B., B.S.	1941	Pryor, Lindsay Dixon, M.Sc.	1939
Potts, Barbara Phyllis, Ph.D. (B.Sc., 1948)	1956	Pryor, William Arthur, M.B., B.S.	1919
Potts, Ethelwyn, B.A.	1909	Pryor, William John, M.B., B.S.	1952
Potts, Frank Roland, B.Sc.	1922	Puddy, Albert Forwood, LL.B.	1935
Potts, Gilbert Macdonald, M.A.	1915	Puddy, Maude Marv, Mus.Bac.	1905
Potts, John Louis, M.B., B.S.	1951	Pudney, Colin William, B.E.	1953
Potts, Leo, M.B., B.S.	1955	Pudney, Owen John, B.Sc.	1955
Potts, Renfrey Burnard, B.Sc.	1945	Pugsley, Albert Tonkin, D.Sc. (M.Sc., 1942)	1954
†Potts, William Andrew, B.E. (B.Sc., 1912, surrendered for B.E., 1913)	1913	†Pukand, Harry, B.E.	1956
Powell, Harold, M.B., B.S.	1913	†Pullin, Dean Russell, B.E.	1958
Powell, Kathleen Naomi, B.A.	1925	†Pullman, Brian James, B.Sc.	1958
Powell, Miriam Athalie, B.A.	1927	Purdam, Irving, B.E. (Interim B.Sc. (Eng.) 1944 surrendered)	1950
Power, Frances Maureen, B.A.	1951	Purdham, Robert Keith, B.E.	1951
Power, Francis Bryan, B.Ec.	1951	Purslow, Martin, B.A.	1953
Power, John Leslie, LL.B.	1922	Purton, David Gabriel, M.A.	1918
Powrie, James Kelvin, M.Sc.	1951	Pyne, Maurice Ignatius, M.A.	1930
†Powrie, Robert Malcolm, M.B., B.S.	1956	Pyne, Remington John, M.B., B.S.	1953
Poynton, John Orde, M.D. (Cambridge, 1941)	1948	Pyne, Donald Edward, B.D.S.	1950
Pratten, Raymond Douglas, B.Sc.	1952		
Preece, Julia Anne, B.A.	1949		
Preece, Kathleen Mary, B.A.	1952		
Preedy, Winifred Edna, B.D.S.	1927		

* Deceased.

† Not yet Members of the Senate.

Q

Quayle, Bronte Clucas, LL.B.	- - -	1948
†Quinn, Mary Cecilia, B.A.	- - -	1955
†Quinn, Michael Brian, B.Sc.	- - -	1956
*Quinn, Thomas Vincent, M.B., B.S.	- - -	1923
Quirk, Helen Marian, B.A.	- - -	1951

R

Rabone, Harry Klements Percival, B.A.	- - -	1939
*Radcliff, Joanna Clare, B.A.	- - -	1935
Radcliffe, Sheila, B.A.	- - -	1944
Radoslovich, Edward William, M.Sc.	- - -	1952
Raffen, Douglas Gordon, B.E.	- - -	1952
Rafferty, George Aldborough, B.Ec.	- - -	1949
Raggatt, Thomas Sutherland, B.A.	- - -	1945
Raine, Margaret Napier, B.A.	- - -	1939
Rainnie, Graeme Fraser, B.Sc.	- - -	1942
Rainford, Kathleen Mary, B.Sc.	- - -	1943
Rait, William Lockhart, M.Sc.	- - -	1935
†Rajan, Laletambel, M.B., B.S.	- - -	1957
Rajbhandary, Kamala Bhagat, Ph.D.	- - -	1958
Ramsay, Alexander Maurice, B.Ec.	- - -	1941
Ramsey, Alfred Maxwell, B.Ec.	- - -	1951
†Ramsey, Gregor Allen, B.Sc.	- - -	1958
Rance, George Howe, B.Sc.	- - -	1935
Randall, Allan Elliott, M.B., Ch.B. (Melbourne, 1897)	- - -	1897
Randell, William Richard, M.B., B.S.	- - -	1947
Randle, Alexander Miller, B.Sc.	- - -	1951
Rankin, Mervyn Alexander, M.Sc.	- - -	1931
Rankine, Alexander Mackenzie, M.B., B.S.	- - -	1952
Rankine, Bryce Crossley, M.Sc.	- - -	1953
Rao, Velamury Raghavendra, Ph.D.	- - -	1956
Rasch, John, B.E.	- - -	1952
†Rasch, Marjorie, B.Sc.	- - -	1956
Rasheed, Kenneth Michael, B.E.	- - -	1955
Rattigan, John Herbert, M.Sc.	- - -	1955
†Raud, Rasmus, B.Tech.	- - -	1958
Raupach, Maxwell, M.Sc.	- - -	1954
Rawat, Rishi Ram, Ph.D.	- - -	1958
Ray, Angus Charles, LL.B.	- - -	1943
Ray, John, M.B., B.S.	- - -	1936
Ray, Marjorie, B.A.	- - -	1945
*Ray, William, M.B., B.S. (Oxford, 1909)	- - -	1906
Ray, William Robert, B.A.	- - -	1914
Ray, Walter Vernon, LL.B.	- - -	1933
*Rayment, James Tarlton, M.B., B.S.	- - -	1907
Rayner, George Percival, B.A.	- - -	1952
Rayner, William Henry, B.A.	- - -	1920
Rayson, Patricia, B.Sc.	- - -	1907
Read, John Herbert, B.A.	- - -	1950
Read, Norman George, M.Sc.	- - -	1949
Read, Philip Andreas, B.A.	- - -	1945
Reade, Peter Clarence, B.D.S.	- - -	1930
Reardon, Mary Dulcie, B.A.	- - -	1952
Redden, Martin Philip, B.A.	- - -	1952
†Redin, Lewis Charles, B.A.	- - -	1933
Redman, James Johnston, LL.B.	- - -	1956
Redmond, John Bice, B.E.	- - -	1935
†Redstone, Frank, B.A.	- - -	1946
Redway, John Alfred George, B.E.	- - -	1957
Reed, Barbara, B.A.	- - -	1955
Reed, Eileen Ruth Lathleen, B.Sc.	- - -	1954
Reed, Sir Geoffroy Sandford, LL.B.	- - -	1919
Reed, Margaret Doris, B.Sc.	- - -	1913
Reed, Mary Ethel Hayter, M.B., B.S.	- - -	1955
Reed, Robert David Geoffrey, B.E.	- - -	1924
Reed, Thomas Thornton, M.A. (Melbourne, 1927)	- - -	1950
D.Litt.	- - -	1929
Rees, Harold Mitchell, M.B., B.S.	- - -	1954
Rees, John David, B.Sc.	- - -	1924
Reeves, Edith Louie, B.A.	- - -	1953
Reeves, Rupert Kirk, M.B., B.S.	- - -	1945
Rehn, Denzil Farnham, B.A.	- - -	1926
Reichstein, Lance Eric Harold, B.E.	- - -	1955
Reid, Arthur Douglas, M.B., B.S.	- - -	1922
Reid, David Argyll Campbell, B.E.	- - -	1924
†Reid, Donald Peter, M.B., B.S.	- - -	1949

*Deceased.

†Not yet Members of the Senate.

Reid, Elizabeth Ellen, B.A.	- - -	1933
Reid, Gordon Stanley, Ph.D. (London, 1957)	- - -	1958
Reid, Gordon Stephen, B.A.	- - -	1954
Reid, John Douglas, M.B., B.S.	- - -	1954
Reid, John Graham, M.B., B.S.	- - -	1954
Reid, Max Bertram, M.B., B.S.	- - -	1937
†Reid, Neville Collison, B.Ec.	- - -	1956
Reid, Robert Leighton, M.A.	- - -	1954
Reid, Ross Treloar Wishart, M.D. (M.B., B.S., 1947)	- - -	1956
Reid, William Lister, M.B., B.S.	- - -	1931
Reilly, Patrick John, M.B., B.S.	- - -	1928
Reilly, Philip Herbert, B.D.S.	- - -	1940
Reilly, Robert Neil, M.B., B.S.	- - -	1933
Reimann, Arnold Luehrs, D.Sc. (B.Sc., 1919)	- - -	1935
Reimann, Valesca Leonore Olive, M.A.	- - -	1914
Reiners, John Alexander, B.D.S.	- - -	1950
†Reinfelds, Juris, B.Sc.	- - -	1958
†Reisonas, Ivis John, B.E.	- - -	1957
Reissmann, Charles Henry, M.D. (Cambridge, 1902)	- - -	1902
Remilton, John Robert, M.B., B.S.	- - -	1953
Rendell, Alan, B.A.	- - -	1930
Rendell, Margaret Patricia, M.A.	- - -	1952
Rentrey, Lionel Edward William, B.A.	- - -	1938
†Reni, Bruno, M.B., B.S.	- - -	1956
Renner, Johannes Theodore Erich, B.A.	- - -	1950
Renney, John Thomas Goodchild, M.B., B.S.	- - -	1955
Rennie, Edward James Cadell, M.E. (B.Sc., 1906, surrendered for B.E., 1913)	- - -	1919
Retallack, Alan John, B.E.	- - -	1955
Retallack, Bruce James, B.A.	- - -	1935
B.Sc.	- - -	1939
Reuter, Colin Albert, B.D.S.	- - -	1955
Reynolds, Beatrice Mary Heywood, B.A.	- - -	1924
Reynolds, Graeme Campbell, M.E.	- - -	1958
Reynolds, Howard, B.Sc.	- - -	1950
Reynolds, James Alan, B.E.	- - -	1953
Reynolds, John Heywood, B.A.	- - -	1928
Reynolds, Lilo, B.A.	- - -	1948
Reynolds, Maxwell Andrew, B.Sc.	- - -	1951
Reynolds, Maxwell Stanley, B.A.	- - -	1948
Rhodes, Gwendoline Maude, LL.B.	- - -	1939
†Rhymmer, Lorna May, B.A.	- - -	1957
Rice, Brian George, B.Sc.	- - -	1954
Rice, John David, M.B., B.S.	- - -	1930
Rice, Lawrence John, M.B., B.S.	- - -	1948
*Rice, Patrick William, M.B., B.S.	- - -	1915
Rice, Phillip John, LL.B.	- - -	1951
Rice, Therese Marie, M.A.	- - -	1947
Rice, Vincent de Paul Lawrence, M.B., B.S.	- - -	1933
Rice, William Mitton, B.E.	- - -	1953
Riceman, David Stirling, M.Sc. (B.A.Sc., 1934)	- - -	1947
Richards, Archibald Charles, M.A.	- - -	1927
†Richards, Brian Gordon, B.E.	- - -	1956
Richards, Cecil Albert, M.A.	- - -	1929
B.Sc.	- - -	1931
Richards, Clarence, B.Sc.	- - -	1915
M.B., B.S.	- - -	1919
Richards, Dudley Lewis, LL.B.	- - -	1931
Richards, Eric Dean, M.B., B.S.	- - -	1951
Richards, Eva Gertrude, B.A.	- - -	1914
†Richards, Fred Kither, B.Ec.	- - -	1956
Richards, Sir Frederick William, LL.D. (London, 1896)	- - -	1897
Richards, Gordon Alfred, B.A.	- - -	1937
Richards, James Ross, M.B., B.S.	- - -	1954
Richards, Kenneth Ross, B.Sc.	- - -	1948
Richards, Maxwell John, M.B., B.S.	- - -	1954
Richards, Ronald Roy, B.A.Sc.	- - -	1951
Richards, Norman Alfred, M.D. (M.B., B.S., 1942)	- - -	1951
Richards, William Edward, B.A.	- - -	1932
Richardson, John Milton, B.A.Sc.	- - -	1952
Richardson, John Patrick, M.B., B.S.	- - -	1952
Richardson, Middleton Bart, B.Sc.	- - -	1941
Richardson, Patricia Sophia, M.B., B.S.	- - -	1937

Richardson, Robert William, B.E. - -	1953	Robinson, Edwin George, M.Sc. - -	1947
Richardson, Ruth Mary Desmond, B.A.	1954	† Robinson, John Walton, B.E. - -	1957
Richardson, Walter Murray, B.Sc. - -	1951	Robinson, Marie Patricia, B.A. - -	1941
Riddell, Frank Scouler, M.B., B.S. - -	1953	Robinson, Mary Kelly, M.Sc. - -	1951
† Rieckmann, Karl-Heinz Walter, M.B., B.S.	1957	Robinson, Michael Alexander, M.B., B.S.	1954
Riedel, Felix Daniel, B.A. - - - -	1950	* Robinson, Sir Roy Lister, B.Sc. - -	1903
Riedel, Melita Wanda, Mus.Bac. - -	1920	Robjohns, Henry Collin, M.B., B.S.	1932
Riedel, William Rex, M.Sc. - - - -	1952	* Robjohns, Leonard, B.A. (Sydney, 1894)	1920
Rieger, Clarence Oscar Ferrero, M.B., B.S.	1919	† Robless, Cosmas Linus, B.Ec. - -	1950
† Rieger, Richard Anthony, M.B., B.S. -	1956	Rochlin, Aaron, LL.B. - - - -	1921
Riggs, Noel Victor, B.Sc. - - - -	1942	Rochlin, Elijah, LL.B. - - - -	1928
Riley, John, M.B., B.S. - - - -	1953	† Rochow, Keith Arnold, B.Sc. - -	1958
Riley, Mabel, B.A. - - - - - -	1908	Rodbourne, Arthur, B.Ec. - - - -	1951
Rimes, Garnet Dean, B.Sc. - - - -	1950	Rodda, Harold James, M.Sc. - -	1945
Rinfret, The Right Honourable Thibaud, P.C., LL.D., (McGill)	1951	Roder, John Herbert, M.A., LL.B.	1951
† Rippert, Reinhart, M.B., B.S. - -	1957	Rodger, Geoffrey James, B.Sc. - -	1915
Rischbieth, Henry George, M.B., B.S.	1942	Rodger, John Geoffrey, B.E. - -	1953
Ruschbieth, John Ross, B.Sc. - -	1937	Rodgers, Frances Ada, B.A. - -	1928
Ruschbieth, Oswald Henry Theodore, B.A.	1909	Roe, Geoffrey Palmer, B.Ag.Sc. - -	1951
Ruschbieth, Richard Harold Charles, M.B., B.S.	1951	Roehrs, Herma Erika, B.A. - -	1945
† Risely, Barrie Grenville, B.Sc. - -	1956	Rofe, Bryan, B.Sc. - - - - - -	1939
Ritenis, Indulis, M.B., B.S. - - -	1955	† Rofe, Rodney Broughton, B.Ec. - -	1950
Rix, Areta, B.A. - - - - - - - -	1938	Rogach, Peter Edwin, M.Sc. - -	1957
Roach, Desmond Michael, B.E. - - -	1952	† Rogers, Anthony Howard, B.Sc. - -	1957
Roach, John Carlyle, B.E. - - - -	1921	Rogers, Charles Malcolm, B.E. - -	1939
Roark, Bruce Archibald, Ph.D. - - -	1956	Rogers, Ian Frederick, B.D.S. - -	1951
Robbins, Thomas Fellows, B.E. - - -	1940	† Rogers, Ian Stansfield, B.Ag.Sc. -	1958
Robert, Douglas Bower, B.Sc. - - -	1942	Rogers, Irene Blanche, M.A. - -	1932
Roberts, Arthur Bruce, LL.B. - - -	1922	Rogers, John Andrew, M.B., B.S.	1952
Roberts, David Pearson, B.Sc. (Eng.)	1947	Rogers, Leslie Sanders, B.D.S. (Melbourne, 1923)	1925
Roberts, Ivor Charles, M.B., B.S. -	1952	Rogers, Ruth Nellie, B.A. - - - -	1955
Roberts, Jillien Mary, LL.B. - - - -	1949	Rogers, Theodore Stansfield, B.E. -	1928
† Roberts, John Barry, B.Sc. - - - -	1957	† Rogers, Warren McIntosh, LL.B. - -	1958
Roberts, John Desmond, B.A. - - - -	1953	Rogers, William Percy, Ph.D. (London)	1952
Roberts, Joseph Armistice, M.B., B.S.	1950	Rolland, James Alexander, M.B., B.S.	1917
Roberts, Nancy Mowbray, B.A. - - -	1947	Rolland, James Alexander Bryan, M.B., B.S.	1943
Roberts, Richard Leslie, B.E. - - -	1953	Rolland, William Maitland, B.A. - -	1936
Roberts, Robin Lea, B.A. - - - - -	1939	Rollison, John William, M.B., B.S.	1925
B.Ec. - - - - - - - - - - - -	1956	Ronal, Tibor, M.B., B.S. - - - -	1948
† Roberts, Roy, B.A. - - - - - - - -	1956	Ronald, Ian Douglas, B.D.S. - - -	1950
Robertson, Alfred Bentley, B.E. - - -	1942	Rook, Kevin Maxwell, B.Sc. - - -	1947
Robertson, Allison Alexander, B.E. -	1952	Rooney, Clifford, B.Sc. - - - - -	1929
† Robertson, Anthony Oliver, M.B., B.S.	1956	Rooney, Gwendyth Minnie, B.A. - -	1934
Robertson, Betty Ann Fotheringham, B.A.	1948	Rooney, Lois Josephine, B.A. - - -	1945
† Robertson, Christopher Lumley, M.B., B.S.	1957	Rooney, Marjorie Winnifred, B.A. -	1949
Robertson, Clara Enid, B.A. - - - -	1929	† Roper, Robert George, B.Sc. - - -	1957
Robertson, Colin Frank, M.B., B.S. -	1954	Rose, Gordon Albert, B.E. - - - -	1951
Robertson, David Stirling, Ph.D. (B.Sc., 1941)	1954	Rosenberg, Mendel Wolf, M.B., B.S.	1942
Robertson, Donald Alexander, LL.B. -	1934	Rosenhain, Geoffrey, M.A. - - - -	1950
Robertson, Gwendoline Katherine, B.Sc.	1948	† Rosenstein, Nicholas Felix, M.B., B.S.	1956
Robertson, Hall, B.E. - - - - - -	1948	Rosman, Frank Edgar, B.Sc. - - -	1908
Robertson, Ian Robert, B.E. - - - -	1948	Ross, Alexander David, D.Sc. (Glasgow)	1926
Robertson, Iris Esther, M.A. - - - -	1925	Ross, Dudley Bruce, LL.B. - - - -	1914
Robertson, James Struan, Ph.D. (D.Phil., Oxford)	1950	Ross, Sir Ian Clunies, D.Sc. (New England)	1957
Robertson, Kenneth Alexander, B.A. -	1954	Ross, Nadeen Adoree, B.A. - - - -	1951
Robertson, Kenneth James, M.D.S. - -	1953	Ross, Sydney George Frederick, B.E. -	1949
Robertson, Leon Medley, B.E. - - - -	1951	Ross, William Alexander, LL.B. - -	1947
† Robertson, Margaret Jean, B.A. - - -	1956	Rossiter, James Leonard, M.A. - - -	1912
Robertson, Nancy Douglas, B.Sc. - - -	1945	Rounsevell, James Corryton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered)	1947
Robertson, Ronald Peter, M.B., B.S. -	1945	Rowe, Albert Percival, B.Sc. (London, 1922)	1948
Robertson, Sydney Clifford, B.Sc. - -	1922	Rowe, Allan Gordon, M.B., B.S. - -	1942
M.E. - - - - - - - - - - - -	1935	Rowe, Colin Davies, LL.B. - - - -	1934
Robertson, Thorburn Stirling Brailsford, B.Sc. - - - - - - - -	1948	Rowe, Ernest Thomas, B.Sc. - - -	1920
M.B., B.S. - - - - - - - - - -	1953	Rowe, Fletcher David, M.B., B.S. -	1945
Robertson, William Godfrey Pitcher, Ph.D. (M.Sc., 1951)	1953	† Rowe, George Eddy, B.Ec. - - - -	1956
Robin, Angus Geoffrey, B.Sc. - - - -	1952	Rowe, Lincoln Gordon, B.E. (B.Sc. (Eng.), 1947, surrendered)	1949
Robin, Charles Ernest, B.A. - - - -	1886	Rowe, Ronald, M.B., B.S. - - - -	1954
* Robin, Rowland Cuthbert, M.E. - - -	1932	Rowe, Stanley Edgar, B.Sc. - - - -	1950
Robinson, Arthur James, B.E. (Melbourne, 1929)	1937	Rowe, William Vivian, M.B., B.S. -	1948
Robinson, Donald Neil, M.B., B.S. - -	1948	Rowell, Keith Addison, B.E. - - -	1933
Robinson, Edgar, LL.B. - - - - - -	1912	Rowland, John Howard, LL.B. - - -	1937
		Rowlands, Edward John, B.Sc. - - -	1948
		Rowley, Rex Cameron, B.Sc. - - -	1951

* Deceased.

† Not yet Members of the Senate.

† Roy, Bimal Chandra, B.D.S. - - -	1956	Sandow, Richard Henry, B.D.S. - - -	1951
* Rudall, Reginald John, LL.B. - - -	1906	Sands, Desmond Montague Willington, B.D.S. - - -	1934
Rudd, Eric Aroha, B.Sc. - - -	1930	Sangster, Alexander Keith, LL.B. - - -	1934
Rudd, Kenneth Clive, B.A. - - -	1947	Sangster, Christopher Bagot, M.D. (M.B., B.S., 1931) - - -	1941
Ruediger, Malcolm Milton, B.A. - - -	1954	Sangster, David Flower, B.Sc. - - -	1945
* Rule, Vernon Arthur, B.A. - - -	1936	Sangster, John William, M.B., B.S. - - -	1939
† Rumball, Bruce Lansley, B.Tech. - - -	1958	Sansom, Joyce Mary, Mus.Bac. - - -	1947
Russell, Albert William, M.B., B.S. - - -	1949	Sargent, Rex James, M.B., B.S. - - -	1929
Russell, Alfred Burgess, M.B., B.S. - - -	1919	Sargeson, Alan McLeod, B.Sc. (Sydney, 1952) - - -	1957
Russell, Eric Alfred, B.Ec. (B.Com. Melbourne, 1943) - - -	1954	Sarre, Malcolm Glen, M.B., B.S. - - -	1945
Russell, Ernest Alfred David, M.B., B.S. - - -	1949	Sarre, Vera Georgina, B.A. - - -	1917
Russell, Ernest Albert Harold, M.B., B.S. - - -	1911	Sarre, Winifred Grace, B.A. - - -	1953
Russell, Frank Henderson, B.E. - - -	1950	† Sasse, Hans Christopher, B.A. - - -	1957
* Russell, Herbert Henry Ernest, M.B., Ch.B. (Melbourne, 1899) - - -	1899	Sasse, Wolfgang Hermann Fritz, Ph.D. (B.Sc., 1953) - - -	1957
M.D. - - -	1905	Sauer, Henri Hugo Albert, M.B., B.S. - - -	1952
Russell, Janet Barbara, M.B., B.S. - - -	1947	Saulite, Elfrida, B.D.S. - - -	1952
Russell, John Samuel, B.Ag.Sc. - - -	1948	Saunders, John Milton, M.B., B.S. - - -	1952
Russell, Robert Alfred, M.B., B.S. - - -	1943	Saunders, Pepita Cerda, LL.B. - - -	1925
Russell, Ronald Edyvane, M.B., B.S. - - -	1946	Savage, Arthur Charles, M.B., B.S. - - -	1928
† Russell, Ronald Thomas, B.Sc. - - -	1957	Savage, Charles Arthur, B.A. - - -	1954
Russell, Walter Alfred, M.B., B.S. - - -	1935	Savage, Joseph Patrick, M.B., B.S. - - -	1954
† Rutter, John Lyall, M.B., B.S. - - -	1958	Sawers, Donald Alexander, B.Sc. (Eng.) - - -	1942
Ryan, Edward Clifford Lee, M.B., B.S. - - -	1935	Sawers, Ronald John, M.B., B.S. - - -	1942
Ryan (nee Pank), Gladys Ruth, B.A. - - -	1933	† Sawicki, Thaddeus John, M.B., B.S. - - -	1958
Ryan, John William, B.Ag.Sc. - - -	1950	Sawley, Darrell Frederick, B.Sc. - - -	1929
† Ryan, Maurice John, B.Ec. - - -	1958	Scales, William Arthur, LL.B. - - -	1930
Ryan, Michael Rupert, B.A. - - -	1939	Scarborough, Eric Charlton, B.E. - - -	1951
Ryan, Naomi Rosslyn, M.B., B.S. - - -	1940	† Scarce, John Desmond, B.E. - - -	1957
† Ryan, Sydney Lawrence, B.A. - - -	1956	Scarfe, Elwyn Bewell, LL.B. - - -	1940
Ryan, Victor Lloyd Percival, LL.B. - - -	1938	Scarfe, James Hamilton, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1948
Rymill, Frances Carstairs, B.A. - - -	1936	Scarlett, Robert Dalley, Mus.Doc. (Mus.Bac., 1926) - - -	1934
s			
† Sabaratnam, Jegathesan, M.B., B.S. - - -	1957	Schache, Alma Olga Antonia, B.A. - - -	1909
* Sabine, Ernest Maurice, LL.B. - - -	1891	† Schaefer, Ronald, M.B., B.S. - - -	1956
Sabolich, Thomas Matthew, B.E. - - -	1952	Schaefer, Carl Hannaford, M.B., B.S. - - -	1919
† Sacharias-Saarelin, Nina, M.B., B.S. - - -	1957	† Schaefer, Helene Judith, B.Sc. - - -	1957
Saddler, Bruce Alder, B.E. - - -	1931	Schaefer, Max Ernest Hannaford, B.D.S. - - -	1923
Sage, Harold Robert, B.A. - - -	1953	† Schild, Maurice Edmund, B.A. - - -	1958
Sainsbury, Keith Arthur Frank, B.A. (Oxford, 1948) - - -	1951	Schirmer, Gerhart Percy, B.Ec. - - -	1951
Sainsbury, Robert William James, B.E. - - -	1951	Schmidt, Lewis Walter, B.Sc. - - -	1940
Saksena, Hari Krishna, Ph.D. - - -	1953	Schneider, Michael, M.B., B.S. - - -	1925
† Sallis, John Dalwood, B.Sc. - - -	1958	Schneider, Michael Philip, B.A. - - -	1955
Salter, Douglas Munro, M.B., B.S. - - -	1926	Schneider, Shirley Laura, Mus.Bac. (Melbourne, 1932) - - -	1946
Salter, William Fulton, M.B., B.S. - - -	1936	Schneider, Walter Herman, M.E. - - -	1945
Samaha, Tonia Samuel, M.B., B.S. - - -	1954	Schneider, Wilfred, B.E. - - -	1922
Samcewicz, Zdzislaw Ryszard, B.E. - - -	1955	Schneider, Wilfred Carl, M.A. - - -	1932
Samelowitz, Neil, M.B., B.S. - - -	1950	Scholar, Ernest, B.A. - - -	1941
Sampson, Dulcie Joyce, Mus.Bac. - - -	1938	Scholz, William Herbert, M.B., B.S. - - -	1954
Sampson, John Coffey, B.D.S. - - -	1951	Schroder, Ernest William, B.E. - - -	1955
Samuel, Geoffrey, M.Sc. - - -	1926	Schroder, Judith, B.Sc. - - -	1950
Samuel, Helen Josephine, B.A. - - -	1939	† Schubert, Cedric Felix, B.Sc. - - -	1957
Sandeman, Ronald John, B.Sc. - - -	1951	Schubert, Frank Helmut, B.A. - - -	1934
Sandcock, Alfred Mervyn, B.A. - - -	1936	Schudmak, Henry, M.B., B.S. - - -	1949
Sandcock, Rex Glynde, B.Sc. (Eng.) - - -	1943	Schuetz, Harold Edwin, B.A. - - -	1953
Sanders, Grace Annie, B.A. - - -	1920	* Schulz, Adolf John, B.A. - - -	1905
Sanders, Harold William, B.A. - - -	1912	M.A. (Ph.D., Zurich, 1908) - - -	1909
Sanders, Irma Mary, B.A. - - -	1943	Schulz, Ernst Adolph, B.E. - - -	1931
Sanders, John Veysey, B.Sc. - - -	1944	Schultz, Gordon Ray, B.A. - - -	1950
Sanders, Mostyn Clifford, B.Sc. - - -	1944	Schultz, Roydon Donald, B.Sc. - - -	1954
Sanders, Robert William, B.E. - - -	1948	† Schulz, Margaret Ruth, B.Sc. - - -	1958
Sanderson, John Gavin, M.Sc. - - -	1958	Schulz, Robert George, M.B., B.S. - - -	1947
Sanderson, Kenneth Villiers, M.B., B.S. - - -	1943	Schumacher, Colin Stephen, B.E. - - -	1954
Sanderson, Peter Robin, B.E. - - -	1952	Schutz, Raymond Alfred, B.E. - - -	1949
Sandery, Charles Arthur, LL.B. - - -	1921	Schwab, Gordon Ernest, B.Sc. - - -	1950
Sandford, Alastair Wallace, M.A. (Oxford, 1937) - - -	1948	Schwartz, Colin John, M.B., B.S. - - -	1955
Sandford, Robert Max, B.Sc. - - -	1943	Schwarz, Eugene Robertson, B.Sc. - - -	1939
Sandison, Alexander, M.B. (Edinburgh, 1906) - - -	1906	† Schwarz, Philip John David, M.B., B.S. - - -	1957
† Sandison, Alexander Geoffrey, M.B., B.S. - - -	1956	Scobie, John Hedger, M.B., B.S. - - -	1949
Sando, Allan Frederick (Interim B.Sc. (Eng.), 1942, surrendered), B.E. - - -	1945	Scoble, Sidney John, B.A. - - -	1936
Sando, Clarice Melva, B.A. - - -	1955	Scollin, James, B.D.S. - - -	1932
Sando, Margaret, B.Sc. - - -	1955	Scott, Alfred Eric, M.Sc. - - -	1928
Sando, Maurice James Wilson, M.B., B.S. - - -	1953	Scott, Douglas Cussen, B.Sc. - - -	1955
Sandover, William Ewan, M.B., B.S. - - -	1951	Scott, Jeffrey Frank, LL.B. - - -	1949
* Deceased. † Not yet Members of the Senate.			
		B.Ec. - - -	1955
		Scott, Michael Arthur MacDonald, M.A. (M.Sc. National University, Ireland, 1934) - - -	1953
		Scott, Philip Earle, B.E. - - -	1954

Scott, Ronald Melville, B.E. (B.Sc., 1910, surrendered for B.E., 1913) -	1913	Shepherd, David Wickham, M.B., B.S.	1938
Scott, Trevor Dennison, M.Sc. -	1955	Shepherd, Elizabeth Miriam, B.A. -	1947
Scragg, Roy Frederick Rhodes, M.D., (M.B., B.S., 1946) -	1955	Shepherd, Geoffrey Lincoln, LL.B. -	1930
Scragg, Walter Robert Lambert, B.A. -	1950	Shepherd, John Alfred, B.A. -	1929
Scriven, Murray Walter, B.A. -	1947	Shepherd, John Henry, B.A. -	1935
Scriven, Wilton Maxwell, B.Sc. -	1953	M.Sc. -	1947
†Scrymgeour, Peter Robert, B.E. -	1956	†Shepherd, Kenneth William, B.Ag.Sc.	1950
Seaman, Gilbert Frederick, B.Ec. -	1935	Shepherd, Peter Byron, M.B., B.S. -	1957
Seaman, Keith Douglas, B.A. -	1951	Shepherd, Reginald George, B.Sc. -	1953
LL.B. -	1955	†Shepherd, Scoresby Arthur, LL.B. -	1958
†Seaman, Robert Scott, B.Sc. -	1958	Shepley, Arthur Raymond, B.Sc. -	1923
Searle, Clifford Alfred James, B.A. -	1937	B.E. -	1924
Searle, Frederick John, B.A. -	1902	Shepley, Estelle Ann, M.Sc. -	1950
Searle, Hartley Malcolm, B.A. -	1932	Shepley, Leslie Herbert Hamilton, LL.B. -	1909
B.Sc. -	1935	Sheppard, Mark Yeatman, M.B., B.S.	1942
Sears, Harold William, B.Sc. -	1943	Sheppard, Robert Alexander William, B.Sc. -	1942
Searson, William George, B.E. -	1953	†Sherwood, Leonie Marie, B.Sc. -	1958
Sedgley, Ralph Harold, B.Ag.Sc. -	1954	Shield, Judith Adelaide, B.A. -	1948
†Seeary, Keith John, B.Tech. -	1958	Shierlaw, Howard Alison, LL.B. -	1902
Seedsman, Donald John, B.Sc. -	1948	Shierlaw, Norman Craig, B.E. -	1949
Seedsman, Kenneth Reginald, B.Sc. -	1951	Shinkfield, Anthony James, B.A. -	1955
Seekamp, Jack Victor, B.Ag.Sc. -	1942	Shinkfield, Cecil Charles, M.A. (Cambridge, 1930) -	1953
Seglenieks, Zigurds, M.B., B.S. -	1955	Shinkfield, Marian Ruth, B.A. -	1949
Segnit, Edgar Ralph, M.Sc. -	1945	Shinkfield, Roger John, B.E. -	1954
Segnit, Ralph Walter, B.Sc. (Oxford, 1922) -	1922	†Shipway, Graham Stuart, M.B., B.S. -	1916
Seidler, Jan Hynek, M.Sc., B.A. -	1954	Shirpurkar, Gajanan Ramchandra, M.Sc. -	1949
Seith, Wolfram Immanuel, M.B., B.S. -	1949	Shirpurkar, Ivan, LL.B. -	1929
Sellers, Ada, B.A. -	1928	†Short, David Charles, B.E. -	1956
Selth, Donald Victor, B.A. -	1949	Short, David Weddell, M.B., B.S. -	1940
Selth, Geoffrey Poole, B.A. -	1951	Short, Kerwin Alfred Robert, B.E. -	1927
Semler, Clifford Gerhardt, M.B., B.S. -	1940	Short (nee Stephens), Lillian Mary Theakstone, M.A. -	1938
Semmens, Francis John, B.Sc. -	1928	Shortridge, Dennis Thorman, M.B., B.S. -	1938
Semmler, Clement William, M.A. -	1938	Shrowder, Ronald Louis, B.A. -	1940
Seemple, Kenneth Hugh, B.A. -	1950	Shub, Samuel, M.B., B.S. -	1953
Senior, Judith Rae, B.Sc. -	1955	Shuter, Richard Ernest, M.B. (Melbourne, 1891) -	1895
Senior, Lionel Rupert, B.Sc. -	1929	Sibby, Pamela Maslin, M.Sc. -	1950
B.A. -	1947	Sibthorpe, Gwenyth, M.B., B.S. -	1946
Senior, Rex Clifton, M.B., B.S. -	1952	†Sidhu, Harcharan Singh, M.B., B.S. -	1958
Seppelt, Ian Howe, B.Sc. -	1932	Sieber, Clarence Bertram, B.E. -	1926
Seppelt, Yvonne Granville, M.B., B.S. -	1946	Siegele, John Louis, B.Sc. -	1945
Sergeant, Maxwell Stuart, LL.B. -	1934	†Siegele, Trevor Martin, B.Ec. -	1958
Sewell, Charles Edward, LL.B. -	1886	Siglin, Max, M.B., B.S. -	1954
Sexton, Edgar Raymond, B.A. -	1931	Sigmont, Victor Charles, B.A. -	1950
Shakes, David James, M.B., B.S. -	1955	†Silver, Harold, B.E. -	1956
†Shanahan, Margaret Carmel, B.A. -	1956	†Silver, Meredith May, M.B., B.S. -	1957
†Shanahan, Michael Francis, M.B., B.S. -	1956	†Silver, Malcolm David, M.B., B.S. -	1957
Shanahan, Patrick William, M.B., B.S. -	1928	†Silver, Phillip Laurence, B.E. -	1957
Shannon, James Stanley, B.Sc. -	1949	Simes, Dean John, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) -	1947
Shannon, Jonathan Huntley Wallace, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) -	1949	†Simes, Irene Pamela, B.Sc. -	1950
Shannon, Richard John, B.E. -	1949	†Simm, John, B.E. -	1956
Shapley, William George, B.E. -	1952	Simmonds, David Hubert, M.Sc. -	1948
Sharley, Aubrey Neville, B.E. -	1954	†Simmonds, Douglas Thomas, B.Tech. -	1958
Sharley, Elma May, B.A. -	1937	Simmonds, Rachel Elizabeth, B.A. -	1948
Sharma, Romesh, M.B., B.S. -	1954	Simmons, Donald William, B.Ec. -	1949
Sharman, Arthur Edward, B.E. -	1926	Simmons, Geoffrey Clive, B.Sc. -	1943
Sharman, Ethel Olive, B.A. -	1915	Simmons, Marie Yvonne, B.A. -	1952
Sharp, Bruce Burnell, M.E. -	1955	Simons, Alfred, M.B., B.S. -	1942
Sharp, Warren Player, B.Ec. -	1954	Simons, Arthur Nicholas, B.Sc. -	1951
Sharpe, Edmund John, B.E. -	1932	M.B., B.S. -	1958
*Sharpe, William George, B.Sc. -	1936	Simpson, Alfred Moxon, B.Sc. -	1930
Shaw, Alice Mary Stockdale, B.A. -	1929	Simpson, Donald Allen, M.B., B.S. -	1949
Shaw, James Barry, B.Sc. -	1904	Simpson, Frederick William, M.B., B.S. -	1934
Shaw, Joan Hambly, B.A. -	1947	Simpson, Hugh Denney, B.Sc. -	1920
Shaw, John Robert Stockdale, M.A. -	1933	B.A. -	1921
Shaw, Lindsay Norman, B.Ec. (Sydney, 1950) -	1955	Simpson, Penelope Margaret, B.Sc. -	1949
Shaw, Peter John Randall, B.Sc. -	1949	Simpson, Robert Allen, B.E. -	1934
Shea, Brian Joseph, M.B., B.S. -	1951	Sims, Clive Moir, M.Sc. -	1957
Sheard, Joan Philippa, B.A. -	1955	Sims, Eric Baldwin, M.D. (M.B., B.S., 1940) -	1948
Shearer, Clifford George Tregoe, B.A. -	1931	Sims, Milton Reginald, B.D.S. -	1950
B.Ec. -	1937	Sims, Roxy, B.A. -	1933
Shearer, Harvey Albert, B.A. -	1936	†Sims, William George, B.Sc. -	1957
Shedley, Alfred Charles, B.Sc. -	1919	Sinclair, Walter Gordon Clyde, B.Sc. -	1923
Sheedy, Redmond Stuart Parnell, M.B., B.S. -	1952	Sinclair, William Malcolm, M.B., B.S. -	1911
†Shekleton, Peter Reginald, B.A. -	1957	†Singh, Amrao, B.E. -	1958
*Shellshear, Joseph Lexden, M.S. (Sydney, Ch.M., 1907) -	1926	†Singh, Narindar, M.B., B.S. -	1958
Shephard, Stanley Maxwell, B.Sc. -	1948	†Singh, Prithvipall, M.B., B.S. -	1958

* Deceased.

† Not yet Members of the Senate.

Singh, Rajendra, Ph.D. - - - -	1953	Smith, John Bertrand, B.Sc. - - -	1943
†Sinnott, Patricia Margaret, B.A. - -	1956	*Smith, John Edgar, B.Sc. (Victoria, 1901) - - - -	1919
†Siviour, Neil Graham, B.Tech. - - -	1958	Smith, John Fife, B.A. - - - -	1929
Sizer, Marion Betty, B.Sc. - - - -	1954	Smith, John Jeffreys, LL.B. - - -	1932
Skewes, Edward Foster, LL.B. - - -	1917	†Smith, John Royle Casley-, B.Sc. - -	1957
Skinner, Brian John, B.Sc. - - - -	1950	Smith, John Wasley, M.B., B.S. - -	1953
Skinner, Cecil Reginald Allenby, B.E. -	1949	Smith, John Wilton, B.Sc. - - - -	1952
†Skinner, Sandford Lloyd, M.B., B.S. -	1958	Smith, Keith, LL.B. - - - -	1953
Skipper, John Stark, M.B., B.S. - - -	1944	Smith, Keith Kenneth Masefield, B.A. -	1942
Skipper, Stanley Herbert, LL.B. - - -	1901	Smith, Keith Viner, M.B., B.S. - -	1939
Skuce, Beryl Marion Rebecca, B.A. - -	1934	*Smith, Kenneth William Algernon, B.Sc. - - - -	1923
Sladdin, John Naulty, M.B., B.S. - - -	1953	Smith, Kenneth Wilmot Vernon, B.E. -	1937
Slade, John Harman, M.B., B.S. - - -	1946	Smith, Louis Campbell, B.Ag.Sc. - -	1951
Slade, Kathleen Nellie, B.A. - - - -	1942	Smith, Louis Laybourne, B.E. (B.Sc., 1911, surrendered for B.E., 1914) -	1914
Slarks, Geoffrey Herbert, B.E. - - - -	1954	Smith, Lynden Rae Forbes-, M.B., B.S. - - - -	1953
Slater, Allan, B.E. - - - -	1953	Smith, Margaret, M.Sc. - - - -	1958
Slattery, Francis James, B.E. - - - -	1952	Smith, Mary, M.A. - - - -	1932
Slattery, Mary, B.A. - - - -	1931	Smith, Mary Theresa, B.A. - - - -	1935
Slaughter, Colin Sidney, B.E. - - - -	1954	Smith, Maxwell Herbert, B.Sc. - - -	1940
Slee, Dugald Haughton, B.Sc. - - - -	1930	Smith, Melva Estelle, B.A. - - - -	1942
B.A. - - - -	1932	Smith, Mervyn Keith, M.B., B.S. - -	1944
Slee, Ian Bruce, B.A. - - - -	1950	Smith, Murray George, B.E. - - - -	1954
Sleeman, James Garnet, M.D. (M.B., B.S., Melbourne, 1915) - - - -	1927	Smith, Pamela Darien, B.A. - - - -	1954
Sleeman, William John, M.B., B.S. -	1947	Smith, Peter Brian, M.B., B.S. - - -	1954
Slim, His Excellency Field Marshal Sir William Joseph, LL.D. (Oxford, Cambridge, Sydney, Birmingham, Leeds and New England) - - - -	1956	Smith, Primrose Mary Viner, B.A. - -	1940
Sloman, Arthur Raymond, B.Sc. - - -	1937	Smith, Raydon Berry, B.E. - - - -	1917
Smale, Thomas Charles, B.A. - - - -	1950	Smith, Raymond Thomas, B.Sc. - - -	1932
Smalacombe, Roy Frederick, B.A. - -	1953	Smith, Rayner Whitmore, M.B., B.S. -	1953
Smart, John Jamieson Carswell, M.A. (Glasgow, 1946) - - - -	1951	Smith, Richard Miln, B.Sc. - - - -	1948
Smart, Lawrence Maxwell, B.D.S. - - -	1950	Smith, Richard Waldemar Law, B.A. -	1955
*Smeaton, Bronte, M.B., B.S. - - - -	1896	*Smith, Robert James Brazil, B.D.S. -	1921
*Smeaton, Bronte Creagh, M.B., B.S. -	1928	†Smith, Roger, B.E. - - - -	1956
Smeaton, John Anthony, B.E. - - - -	1939	Smith, Ronald Norman, B.E. - - - -	1933
Smerdon, David Rutherford, B.D.S. - -	1951	Smith, Sheila Isabel Wesley, B.A. - -	1944
Smerdon, John Rutherford, B.D.S. - -	1946	Smith, Sidney William, B.E. - - - -	1937
Smibert, George James, M.B., B.S. - -	1954	Smith, Sinclair Joseph, M.B., B.S. -	1955
Smith, Adeline Rutherford Wesley, B.A. (R.U.I., 1904) - - - -	1934	Smith, Stuart Meldrum, B.A. - - - -	1949
Smith, Adrian Milton, B.Ec. - - - -	1949	Smith, Vera Lisnagore, B.A. - - - -	1934
Smith, Alfred Earle, LL.B. - - - -	1937	Smith, Walter Leonard, M.B., B.S. -	1914
Smith, Alick Hardy, B.A. - - - -	1948	Smith, William Irving Berry, B.Sc. -	1940
Smith, Aloysius Daly Virgilius, M.B., B.S. - - - -	1928	Smyth, Isabel Agnes Ekin, B.A. - -	1905
Smith, Annie Ethel, B.A. - - - -	1935	Smyth, Robert Walter, B.E. - - - -	1955
†Smith, Barry Whitmore, B.A. - - - -	1956	Snewin, Gwendoline Marjorie Jean, B.A. - - - -	1925
Smith, Brian Arnold, B.E. - - - -	1940	Snewin, John Arthur, LL.B. - - - -	1951
Smith, Brian Hartley, B.E. - - - -	1950	†Snoswell, Alan Marlow, B.Sc. - - -	1956
Smith, Cairns William Villeneuve, LL.B. - - - -	1951	Snow, Richard Adrian Wilfrid, B.D.S. -	1940
Smith, Cecil Teesdale, M.A. - - - -	1945	Snow, Wilfred Rippon, B.E. - - - -	1914
Smith, Cedric Alfred Neal, B.Ag.Sc. -	1933	†Snowden, Janette Daphne, B.A. - - -	1958
Smith, Daisy Maude, B.A. - - - -	1922	Soar, Dudley Turner, B.Ec. - - - -	1951
Smith, David Carswell, B.A. - - - -	1931	Sobey, Iris Beatrice, B.A. - - - -	1944
Smith, David Floyd, B.Ag.Sc. - - - -	1951	Sobey, Reginald Roberts, M.B., B.S. -	1942
Smith, David Gordon Law, M.B., B.S. -	1953	Soebroto, Oentoeng, B.Ec. - - - -	1955
Smith, David Nichol, D.Litt. (Camb.) -	1951	Sollas, William Johnston, D.Sc. (Cambridge) - - - -	1914
Smith, Dene Martindale, B.D.S. - - -	1955	Solly, Janet Elizabeth, M.B., B.S. - -	1952
†Smith, Donald Stevenson, M.B., B.S. -	1957	Solly, William Warburton, B.Sc. - -	1948
Smith (nee Gardner), Edith Josephine Viner, B.A. - - - -	1906	Solomon, George Herbert, M.B., B.S. -	1927
Smith, Edward Mackie, B.E. - - - -	1939	Solomon, Helen Ethel, LL.B. - - -	1935
Smith, Edward Rowland, B.Sc. - - - -	1942	*Solomon, Isaac Herbert, B.A. - - -	1895
Smith, Ewart Austral, M.B., B.S. - - -	1951	LL.B. - - - -	1898
Smith, Frank Berry, D.Sc. (B.Sc., 1903) - - - -	1937	Solomon, Judah Moss, B.A. - - - -	1888
Smith, Gavin Viner, M.B., B.S. - - -	1937	LL.B. - - - -	1891
Smith, Gordon Wearing, M.B., B.S. - -	1925	Solomon, Susan Selina, B.Sc. - - -	1890
Smith, Harold Reid, LL.B. - - - -	1939	Solomons, Barnet, M.B., B.S. - - -	1922
Smith, Ian Darian, M.D. (M.B., B.S., 1951) - - - -	1956	Somerset, Forbes Mitchell, B.E. - - -	1941
Smith, Iris Eileen, B.A. - - - -	1930	Somerville, Archibald Shierlaw Ralph, LL.B. - - - -	1922
Smith, Ivan Ford, B.A. - - - -	1953	Somerville, Christopher Malcolm, B.D.S. - - - -	1952
Smith, Jack Edwin, B.Sc. - - - -	1934	Somerville, Dorothy Christine, B.A. -	1918
Smith, James Clyde, B.E. - - - -	1938	LL.B. - - - -	1921
Smith, James Wearing, B.E. - - - -	1924	Somerville, Hugh Norman, B.E. (B.Sc., 1915, surrendered for B.E., 1919) -	1919
Smith, Joan Frances, B.A. - - - -	1948	Somerville, Sesca Lewin, B.A. - - -	1916
		†Soper, Graham Michael, B.Ec. - - -	1957
		Sorrell, Margaret Walter, B.A. - - -	1925
		Soukup, Dorothy Mavis, M.B., B.S. -	1951
		†Souter, Brian Heylen, B.D.S. - - -	1956

* Deceased. † Not yet

Members of the Senate.

Souter, Douglas Todd, M.B., B.S.	1949	Steele, David Macdonald, M.B., B.S.	1909
Souter, John Francis, M.B. (Aberdeen, 1889)	1897	Steele, David Macdonald, M.B., B.S.	1955
Souter, Robert John de Neufville, M.B., B.S.	1923	Steele, Donald Macdonald, M.B., B.S.	1919
†South, Peter Moncrief, B.Sc.	1956	Steele, Ian Macdonald, M.B., B.S.	1948
South, Ronald Robert, B.D.S.	1951	Steele, John Kevin, B.Ec.	1954
Southcott, Jean Wauchope, B.A.	1921	Steele, Kenneth Nugent, M.B., B.S.	1914
Southcott, Ronald Vernon, M.D. (M.B., B.S., 1941)	1957	Steele, Laurence Russell, B.E.	1940
Southcott, Rosemary Enid, B.Sc.	1954	Steele, Robert Ernest, M.B., B.S.	1952
Southgate, Deane Oakford, M.B., B.S.	1955	Steele, Robert Thornborough, M.B., B.S.	1942
Southwood, Albert Ray, M.D. (M.B., B.S., 1916)	1920	Steele (nee Morris), Shirley Victoria, LL.B.	1933
M.S.	1925	†Steinle, John Richard, B.A.	1958
Southwood, Harry Milton, B.Sc.	1936	Stephens, Charles Francis, B.Sc.	1897
M.D. (M.B., B.S., 1932)	1943	Stephens, Charles George, M.Sc. (Tasmania, 1931)	1941
†Southwood, Richard Taunton, M.B., B.S.	1956	D.Sc.	1950
†Spain, Brian James, B.E.	1956	Stephens, Ella Mary, B.A.	1915
*Spargo, Stanley Carr, B.A.	1931	Stephens, Eric Goynne, B.Sc.	1912
Spark, Mavis Constance, B.A.	1947	Stephens, John Felton, M.Sc.	1957
Sparrow, Lorna Discombe, M.A.	1934	Stephens, Richard Clarence, B.D.S.	1951
B.Ec.	1941	Stephens, Sylvester Kevin, B.E.	1951
Sparrow, Maxwell Elliott, B.E.	1934	Stephenson, James Lewis, B.Ec.	1944
Specht, Raymond Louis, Ph.D. (M.Sc., 1950)	1954	Stephenson, John Roy Becket, B.A.	1952
†Speed, Isobel Ethel, M.B., B.S.	1957	Stephenson, Leonard Allenby, B.Sc. (Eng.)	1943
Speirs, William McMillan, B.A.	1949	Stephenson, Thomas Howard, B.E.	1933
†Spence, Colin Everett, B.A.	1958	†Stern, Leon Max, M.B., B.S.	1956
Spence, David Norman, M.B., B.S.	1957	†Steven, Ian Matheson, M.B., B.S.	1956
†Spence, Robin Douglas James, M.B., B.S.	1957	*Steven, Walter Edward, M.B., B.S.	1920
Spencer, Donald, Ph.D.	1953	*Stevens, Aubrey Clement, M.A.	1923
Spencer, Leslie Brian, B.Sc.	1951	Stevens, Edgar Loveday, LL.B.	1919
Sperber, Joan Ilma, B.Sc.	1955	Stevens, John Alfred Fortington, B.D.S.	1948
†Spitz, Francis, B.Ec.	1956	†Stevens, John Arnold, B.E.	1958
Spooner, Edgar Clynton Ross, D.Sc. (Tasmania, 1946)	1949	Stevens, Richard Barrymore, B.E.	1952
†Spratt, James Arthur Henry, B.Sc.	1957	Stevens, Robert Peter (Interim B.Sc. (Eng.), 1942, surrendered), B.E.	1945
B.A.	1958	Stevens, William Edward, B.E.	1952
Sprigg, Patricia Amy, B.A.	1943	Stevenson, Arthur James, B.E.	1937
Sprigg, Reginald Claude, M.Sc.	1944	Stevenson, Donald George, M.Sc.	1952
Sprod, Thomas Daniel, B.A.	1951	Stevenson, Frances Aimee, B.A. (Tasmania, 1923)	1926
Spruhan, Bridget Catherine, B.A.	1933	Steward, Harrold Dunning, M.B., B.S.	1951
Spry, Alan Herbert, M.Sc.	1951	Stewart, Alastair Keith McKellar, M.B., B.S.	1951
Spurling, Milton Bernard, M.Ag.Sc.	1953	Stewart, Colin Gore, B.A.	1914
Spurr, Robert Thomas, B.Sc.	1948	Stewart, Donald Peter Sinclair, B.Ec.	1952
Spurway, John Horton, M.B., B.S.	1951	Stewart, Edgar Douglas James, B.E.	1947
Sreenevasan, Gopal Ayer, M.B., B.S.	1952	†Stewart, Geoffrey Daniel, M.B., B.S.	1957
Stace, Hubert Charles Thomas, M.Sc.	1955	Stewart, Henry William James, B.E.	1952
Stace, John Hamilton, M.B., B.S.	1943	Stewart, John Innes Mackintosh, M.A. (Oxford, 1935)	1935
Stacy, John Michael Sholto, B.E.	1951	*Stewart, John McKellar, M.A. (D.Phil., Edinburgh, 1911)	1923
Stacy, Margaret Ruth, B.Sc.	1955	Stewart, John Samuel, M.B., B.S.	1939
†Stear, Peter Alfred, M.B., B.S.	1958	Stewart, John Stewart McKellar, M.B., B.S.	1942
Stagg, Ross Smith, B.E.	1955	†Stewart, Kenneth Duff, B.Ec.	1958
†Stahl, Margaret Anne, B.Sc.	1957	Stewart, Margaret McKellar, B.A.	1937
Stain, Maxwell Wright, B.D.S.	1944	Stewart, Vernon Allan Fergusson, M.B., B.S.	1939
†Staker, Robert, B.E.	1956	Stewien, Carl Ronald, B.E.	1955
Stalley, Douglas John, M.Ec.	1955	Stidston, Matthew Alfred Clement, B.Sc.	1936
Stalley, Joan Charnian, B.Sc.	1955	Stoate, Theodore Norman, D.Sc. (M.Sc., 1934)	1953
Stam, Robert Edward, M.B., B.S.	1949	Stobie, Peter James, M.B., B.S.	1952
Stanbury, Dennis George, M.B., B.S.	1957	*Stoble, James Cyril, M.E.	1932
†Stanbury, Peter John Terence Cathcart, B.Sc.	1957	†Stock, Murray Clifford, B.Tech.	1958
Stanley, Allen David, B.E.	1949	Stockbridge, Edgar Lambert, B.E.	1924
Stanley, Brian Charles, LL.B.	1953	Stockbridge, John Keith, M.B., B.S.	1953
Stanley, Laurence John, LL.B.	1925	Stockley, Henry William, M.B., B.S.	1954
Stanley, Neville Fenton, D.Sc. (B.Sc., 1942)	1954	Stodart, Barbara Joan, B.A.	1953
Stanton, Robert Anthony, B.D.S.	1950	Stodart, Donald McLean, B.E.	1951
Stapledon, David Hiley, B.Sc.	1951	Stoddart, Harold William Downing, M.B., B.S.	1911
Stapledon, Roger Johnson, B.E. (Interim B.Sc. (Eng.), 1944, surrendered)	1949	Stokes, Anne, B.Sc.	1943
†Staples, Roy William Frederick, B.E.	1957	†Stokes, Charles Herbert, B.A.	1956
Stark, Alan Edmund, B.A.	1954	Stokes, John, M.A.	1948
Statton, Arthur Knight, B.Sc.	1922	Stokes, John Barrymore, M.B., B.S.	1951
Statton, Josiah William, B.Sc.	1921	Stokes, John Lewis, M.B., B.S.	1941
Statton, Keith Jeffery, M.B., B.S.	1944	Stokes, Judith, B.A.	1947
Staudé, Clarence Herman, B.A.	1947	Stokes, Laura Joan Hartley, B.Sc.	1940
Stead, Sydney Arnold, B.Sc.	1933	Stoll, Ruth Sophie, B.A.	1955
†Stearne, John McKenzie, B.Sc.	1958		
†Steel, Roy Desmond Charles, B.Sc.	1958		

* Deceased.

† Not yet Members of the Senate.

Ternan, Verna Joyce, B.A. - - - -	1933	Thomson, Linda Lovibond, B.D.S. -	1926
†Terrell, Richard Deane, B.Ec. - -	1958	Thomson, Sydney William, B.D.S. -	1930
†Terrill, Frederick Edward, M.B., B.S.	1922	Thomson, Theodore Roderick, M.B., B.S. - - - - -	1947
Terrill, Samuel Ernest, B.Sc. - - -	1927	Thomson, Vera Audrey, B.A. - - -	1947
Tester, Donald Kenneth, B.Sc. - - -	1951	†Thong, Choe Loen, Raymond, B.E. -	1958
Teusner, Berthold Herbert, LL.B. - -	1931	Thornton, Digby Noel, M.B., B.S. -	1951
Tew, John Hedley Brian, M.A. (Ph.D., Cambridge, 1940) - - - - -	1947	Thornton, Gayfield Collins, M.B., B.S.	1943
Texler, Eva, M.B., B.S. - - - - -	1942	Thorpe, Geoffrey William, B.A. - -	1955
Texler, Karl Maria, M.B., B.S. - -	1942	*Threadgill, Bessie, B.A. - - -	1929
Thiel, Colin Victor, B.Sc. - - - -	1949	Thredgold, Beatrice Marie, B.A. -	1928
Thiele, Colin Milton, B.A. - - - -	1941	Thrum, Edward Allen, B.Sc. - - -	1921
Thiele, James Barnabas, Mus.Bac. -	1952	B.E. - - - - -	1924
Thiersch, Johannes Bernhard, M.D. (Freiburg, 1935) - - - - -	1938	Thrush, Harry Clifford, B.A. - - -	1915
Thomas, Alfred Ian, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	Thyer, Alexander Maitland, M.E. -	1936
Thomas, Alfred John Thornley, M.B., B.S. - - - - -	1949	Thyer, Frederick Lewis, M.B., B.S. -	1923
*Thomas, Arthur Nutter, M.A. (Cambridge, 1895) - - - - -	1906	Thyer, Robert Francis, B.Sc. - - -	1932
Thomas, Arthur Robin, B.E. - - - -	1936	Tideman, Arthur Frederick, B.Ag.Sc.	1953
Thomas, Brian Gordon, M.B., B.S. -	1947	Tideman, Frederick William, B.E. -	1925
Thomas, David Austin Grenfell, LL.B.	1931	Tidemann, Ernest Phillips, B.D.S. -	1933
Thomas, David John Saint, B.E. - -	1932	Tidswell, Bruce Allison, B.D.S. -	1955
Thomas, Edmund Paget, B.Ec. (B.Sc. (Econ.) London, 1953) - - - -	1955	Tiegs, Oscar Werner, D.Sc. (B.Sc., Queensland, 1919) - - - - -	1922
*Thomas, Edward Brooke, M.B., B.S. -	1911	*Tilbrook, Jabez Percy Harold, M.A. -	1926
Thomas, Harold Davey, B.E. - - -	1935	Tilbrook, Norman Keith, B.E. - -	1949
Thomas, Ifor Morris, M.Sc. (Cardiff, 1933) - - - - -	1949	Tilbrook, Percival Montrose Torr, B.A.	1954
Thomas, Jack, B.Sc. - - - - -	1934	†Tilemann, Rosemary, B.A. - - -	1957
Thomas, Jeffery Josiah, B.Sc. (Eng.) -	1945	Till, Maxwell Roy, B.Ag.Sc. - - -	1949
Thomas, John Angus, B.Sc. - - - -	1948	Tiller, Kevin George, M.Sc. - - -	1957
Thomas, Joyce Amy, B.Sc. - - - -	1949	Tiller, Kenneth Matthew John, B.Sc. B.A. - - - - -	1955
Thomas, Kenneth Donald, B.A. - - -	1953	†Tillett, Peter Irwin, B.Sc. - - -	1956
Thomas, Kenneth Hewitson, B.Ec. - -	1953	Tilley, Cecil Edgar, B.Sc. - - -	1914
Thomas, Margaret Helen, B.A. - - -	1934	†Tilly, Graham John, B.Sc. - - -	1957
Thomas, Marjorie Phyllis Casley, M.B., B.S. - - - - -	1927	Timcke, Edward Waldemar, B.A. - -	1920
Thomas, Milton, B.Sc. - - - - -	1950	Tindale, Beryl Rae, B.A. - - -	1948
Thomas, Richard Grenfell, B.Sc. - -	1924	Tindale, Norman Barnett, B.Sc. - -	1932
Thomas, Trevor Wilson, B.A. - - -	1939	†Tindall, Colin James, LL.B. - - -	1957
Thomas, Walter Warren, B.E. - - -	1951	†Tindall, Ronald Graham, B.Sc. - -	1956
Thomas, Wesley James, B.Sc. - - -	1952	†Tipping, Richard Michael, M.B., B.S.	1953
Thomas, William Lancelot, B.A. - -	1925	†Tiver, Athol, B.Ag.Sc. - - - -	1956
Thompson, Aileen Joyce, B.Sc. - -	1950	Tiver, Newton Stanley, M.Sc. - - -	1947
Thompson, Alexander McQueen, M.B., B.S. - - - - -	1937	Tiver, Ronald Wayland, B.D.S. - -	1943
Thompson, Basil Clive, B.E. - - -	1955	Todd, Arnold Charles, B.E. - - -	1955
†Thompson, Bryan William, M.B., B.S.	1957	Tohver, Ilmar, B.D.S. - - - - -	1955
Thompson, Douglas Norman, B.Sc. -	1949	Tolcher, Vernon Arthur, B.E. - - -	1953
†Thompson, Frank Howard, B.A. - -	1955	Tolhurst, George Arthur, B.E. (Interim B.Sc. (Eng.), 1947, surrendered)	1949
Thompson, Frederick Verner, B.Sc. (Eng.) - - - - -	1948	†Tolmie, Ronald Philip, B.E. - - -	1957
Thompson, Jean Fleming, B.A. - - -	1928	Tomlinson, Betty Mary, B.A. - - -	1939
Thompson, Jessie Mildred, B.A. - -	1939	Tomlinson, William Frederick, M.B., B.S. - - - - -	1939
Thompson, John Evelyn, M.B., B.S. -	1955	Tonkin, Aubrey Douglas, M.B., B.S. -	1951
Thompson, John Robert, M.B., B.S. -	1938	Tonkin, David Oliver, M.B., B.S. -	1953
Thompson, John Ronald, B.D.S. - -	1941	Tonkin, Donald Geoffrey, B.E. - -	1953
Thompson, Leonard Arthur, B.D.S. -	1950	Tonkin, Mary Elizabeth, B.A. - - -	1944
Thompson, Malcolm James, Ph.D. (B.Sc., 1953) - - - - -	1958	Tonkin, Raymond George, M.B., B.S.	1937
Thompson, Maxwell Andrew, B.E. - -	1952	Tonkin, William Richards, M.B., B.S.	1921
Thompson, Noel, B.Sc. - - - - -	1954	†Toovey, Douglas Reginald, B.Ec. - -	1957
Thompson, Rex Palmerstone, B.Sc. -	1948	Tooze, Mervyn John, B.Sc. - - -	1947
Thompson, Thomas Alexander, B.Sc. -	1896	Topliss, John George, M.B., B.S. -	1950
Thompson, William, B.A. - - - -	1936	Topperwien, Irwin, M.A. - - - -	1924
Thomson, Arthur Melville, B.Sc. - -	1936	B.Sc. - - - - -	1925
†Thomson, Beresford John Rodger, B.D.S. - - - - -	1957	Torr, Shirley Constance, B.A. - - -	1944
Thomson, Brendan Patrick, M.Sc. (B.Sc., Western Australia, 1941) -	1957	Torr, Thomas Harold, M.B., B.S. -	1953
Thomson, Bruce James, B.Sc. - - -	1950	Tostevin, Alfred Ladyman, M.B., B.S.	1923
†Thomson, Bruce William, B.D.S. - -	1957	Tostevin, Graham Mark, M.E. - - -	1957
Thomson, Cedric Jeffrey, LL.B. - -	1951	Tothill, Judith Windebank, B.A. -	1953
†Thomson, Ian Alexander, B.Tech. - -	1958	Toussaint, Rose Evangeline, M.B., B.S.	1953
†Thomson, Janet Elizabeth, B.Sc. - -	1956	†Townsend, Douglas George, M.B., B.S.	1956
Thomson, Joanna Eristoun, B.A. - -	1948	Townsend, Herbert Louis, B.A. - -	1941
Thomson, Keith Westhead, Ph.D. (Washington, 1953) - - - - -	1954	†Townsend, Norman Charles Wilson, M.B., B.S. - - - - -	1956
Thomson, Lindsay Donald, B.E. (Interim B.Sc. (Eng.), 1943, surrendered)	1947	†Tozer, Ross Leonard, M.B., B.S. -	1957

* Deceased.

† Not yet Members of the Senate.

Tregenza, Sydney Lloyd, B.A. - - -	1923	B.A. - - - - -	1954
Tregonning, Alexander Gillespie Anthony, M.B., B.S. - - -	1951	†Turner, Thomas William, M.B., B.S. - - -	1956
Tregonning, Donald John Kennedy, M.B., B.S. - - -	1949	Twartz, Arnold Frederick, B.Sc. - - -	1936
Tregonning, Kennedy Gordon Philip, B.A. - - -	1950	Twelftree, Clifford Croft, B.A. - - -	1938
Treleven, Walter, B.Sc. - - -	1893	Twopeny, John Richard Nowell, B.E. - - -	1952
Treloar, Albert Edward Coran, LL.B. - - -	1927	Tyas, Margaret Elizabeth, B.Sc. (London, 1905) - - -	1905
Treloar, Francis Edward, B.Sc. - - -	1954	Tyler, Donald Henry, B.E. - - -	1947
Treloar, John Harvey, B.E. - - -	1954	Tymons, Clement James, B.D.S. - - -	1945
†Treloar, Lionel Hammond, LL.B. - - -	1957	Tymons, Frances Teresa, M.B., B.S. - - -	1953
†Treloar, Ronald William, B.Ec. - - -	1957	Tynan, Arthur Ernest, B.Sc. - - -	1955
Treloar, Hugh Kingsley, LL.B. - - -	1951	Tyson, Angus Gordon, M.Sc. - - -	1954
Tremain, Allen Maurice, B.Sc. - - -	1943	U	
Trembath, Frank Everard, M.B., B.S. - - -	1944		
†Tremlett, Ian Walter, B.Ec. - - -	1958	Underdown, Reginald Edward, M.Sc. - - -	1958
Trenerry, Roger, B.E. - - -	1948	Ungar, Emeric Imre, M.B., B.S. - - -	1952
Trenorden, Ailsa Gwynne, B.Sc. - - -	1952	Upton, Alethea Mary, Mus.Bac. - - -	1941
Trenorden, Glenwynne Eva, B.A. - - -	1934	Upton, William Carrick Tunk, M.B., B.S. (M.B., Ch.M., Sydney, 1919) - - -	1935
Trenorden, James Henry, B.A. - - -	1945	Urban, Ernest, B.E. - - -	1952
Trestrail, Hugh Alexander, B.E. - - -	1937	M.B., B.S. - - -	1957
Trethowie, Everton Rowe, M.D. (Melbourne, 1939) - - -	1944	Urban, Friedrich, M.B., B.S. - - -	1942
Trevaskis, John Reginald, M.A. (Cambridge, 1948) - - -	1958	†Urban, Marianne, M.B., B.S. - - -	1958
Triggs, Kathleen Dorothy, B.A. - - -	1945	Urban, Regina, B.D.S. - - -	1942
Trimmer, Ray Brian, B.E. - - -	1949	Ure, Constance Douglas, B.Sc. - - -	1930
Trist, Alan Roberts, B.Sc. - - -	1926	Ure, Gwendolen Helen, LL.B. - - -	1923
Trott, Arthur Keith, B.D.S. - - -	1939	†Urmonas, Romualdas, B.E. - - -	1958
Trott, Dudley William, B.D.S. - - -	1939	Urwin, Jack Robson, Ph.D. (B.Sc., 1950) - - -	1954
Trott, John Richard, B.D.S. - - -	1950	Usher, Alan Bruce Grant, B.E. - - -	1955
Trott, Lyndon Rodney Eyre, B.E. - - -	1950	Usher, Emilie Pauline, B.A. - - -	1950
Trotter, Frederick Lionel, B.D.S. - - -	1941	V	
Trudinger, Anna, B.A. - - -	1892		
*Trudinger, Clara, B.Sc. - - -	1908	†Valente, Leonard Joseph, M.B., B.S. - - -	1958
†Trudinger, Leonhard Paul, B.A. - - -	1957	Van Abbe, Derek Maurice, Ph.D. (Melbourne, 1952) - - -	1953
Trudinger, Malcolm August, M.B., B.S. - - -	1927	†Van Gelder, Malcolm Montague, B.Tech. - - -	1958
Trudinger, Martin, B.A. - - -	1912	†Van Kapel, Hendrik Hendrikus, B.E. - - -	1957
Trudinger, Philip Alan, Ph.D. (B.Sc., 1948) - - -	1955	Van Senden, Raymond Redvers, B.E. - - -	1924
Trudinger, Ronald, B.Sc. - - -	1905	†Van Velsen, Reuben John, B.Ag.Sc. - - -	1957
M.B., B.S. - - -	1909	Vance, Christina Elizabeth, B.Sc. - - -	1935
Trudinger, Ronald Martin, B.A. - - -	1943	Vanstone, Bartley James, B.D.S. - - -	1946
Trudinger, Walter, B.A. - - -	1892	Vaudrey, Mary, B.A. - - -	1933
Trumble, Hugh Christian, D.Sc. (M.Ag.Sc., Melbourne, 1927) - - -	1937	*Vaughan, John Howard, LL.B. - - -	1900
Trumble, Hugh Peter Christian, B.Ag.Sc. - - -	1949	Vawser, John Alfred, B.E. - - -	1926
Tuck, Bernard Edward Charles, B.A. - - -	1922	Vawser, Keith Derwent, B.E. - - -	1954
Tuck, Bernard Geoffrey, LL.B. - - -	1933	Vawser, Nevin Stuart, B.E. - - -	1948
Tuck, Gilbert Playford, B.E. (Interim B.Sc. (Eng.), 1944, surrendered) - - -	1947	Vawser, Noel Keith, B.Ec. - - -	1944
Tuck, Harry Playford, B.Sc. - - -	1915	Vawser, Paul Frederick, B.D.S. - - -	1950
M.E. - - -	1943	Veitch, Lindsay Garfield, B.Sc. - - -	1949
Tuck, Raymond Allen, B.Sc. - - -	1939	Venner, Barton Frederick, M.B., B.S. - - -	1946
Tucker, Bruce Mollet, M.Sc. (B.Sc., 1941) - - -	1958	Verco, Claude Maythorn, B.A. - - -	1915
B.A. - - -	1956	Verco, Clement Armour, M.B., Ch.M. (Sydney, 1901) - - -	1902
Tucker, Harold Norman, LL.D. (D.C.L., Oxford, 1946) - - -	1947	Verco, Geoffrey Webb, M.B., B.S. - - -	1937
Tucker, Howard Erskine, LL.B. - - -	1920	Verco, Joseph Stanley, M.B., B.S. - - -	1913
†Tucker, William George Shaw, M.B., B.S. - - -	1957	Verco, Luke Everard, M.B., B.S. - - -	1940
†Tuckwell, Elliot Carby, B.Sc. - - -	1958	Verco, Peter Willis, M.D. (M.B., B.S., 1942) - - -	1949
Tuckwell, Eric Clavering, B.A. - - -	1940	Verco, Ronald Lister, M.B., B.S. - - -	1928
*Tuckwell, Ernest Sinclair, B.A. - - -	1948	†Verrall, Lois Rita, B.A. - - -	1956
Tuckwell, Kenelm Sinclair, B.A. - - -	1930	Verrall, Raymond Wilfred, B.A. - - -	1937
†Tuckwell, Roger Hamilton, B.Ec. - - -	1956	Verrall, Roswell Victor, B.E. - - -	1947
Tunbridge, Peter Brett, M.B., B.S. - - -	1953	†Vick, Lloyd Winston, Mus.Bac. - - -	1956
Turnbull, Gordon McLeod, M.B., B.S. - - -	1937	Vickery, Frederick Arthur, M.A. - - -	1931
Turner, Arthur Noel, M.B., B.S. - - -	1952	Vickery, Margaret, B.A. - - -	1952
Turner, Betty Gretton, B.Sc. - - -	1937	†Viggers, George Beddoe, B.A. - - -	1958
Turner, Charles Trevor, M.B., B.S. - - -	1914	†Vijh, Inderjit, B.E. - - -	1958
Turner, Constance Mary, B.A. - - -	1951	Vincent, David James, B.D.S. - - -	1949
Turner, Donald Lionel, B.Sc. - - -	1947	Vincent, Francis William, B.E. - - -	1950
Turner, Edward Robert, B.E. - - -	1932	Vivian, Arthur Brian, M.B., B.S. - - -	1950
*Turner, Emily Marian, B.Sc. - - -	1930	Vnuk, Frantisek, B.Sc. - - -	1955
Turner, Frederic Boyd, M.B., B.S. - - -	1933	B.A. - - -	1957
Turner, Helena Gladys, B.Sc. - - -	1940	Vogt, Brian Joseph, B.E. - - -	1953
Turner, Keven James, Ph.D. (B.Sc., 1952) - - -	1956	Vogt, Ronald Walter, B.Sc. (Eng.) - - -	1947
Turner, Nancy Gretton, B.A. - - -	1937	†Von der Borch, Christopher Carl, B.Sc. - - -	1957
Turner, Tennyson, LL.B. - - -	1952	Von der Borch, Rudolph Hermann, M.B., B.S. - - -	1926
		Von Luschan, Felix, D.Sc. (Ph.D., Munich, 1889) - - -	1914
		Vowles, Rex Eugene, M.E. - - -	1939
		†Vowles, Norman Joseph, B.D.S. - - -	1957

* Deceased.

† Not yet Members of the Senate.

W	
Wache, Ethel Mabel, B.A. - - -	1939
Waddy, Brian Cadwallader, M.B., B.S. -	1952
Waddy, John Lane, M.B., B.S. - - -	1948
Wade, Mary Julia, B.Sc. - - -	1951
Wadham, Elizabeth Jean, M.A. - - -	1954
†Wadsworth, Bernard Francis Peter, B.E. - - -	1956
†Waechter, Raymond Trevor, B.E. - - -	1957
Wagner, Barbara Joan, B.D.S. - - -	1942
Wagner, Franz William, B.Sc. - - -	1928
Wahlquist, Eric Gilbert, B.A. - - -	1951
Wainwright, Charles Leonard, B.Sc. -	1900
Wait, Marthe Lucy, M.A. - - -	1922
Wait, Yvonne Lois, M.A. - - -	1932
Waite, Jack Francis Enos, B.A. - - -	1936
Wake, Roderick Barry, B.E. - - -	1951
Wakeford, Sidney Claud, B.A. - - -	1937
Waldeck, Reginald David Chapple, B.A. - - -	1950
Wale, William Henry, Mus.Bac. (Oxford, 1874) - - -	1896
Walker, Alexander John Kerry, B.Ag.Sc. -	1939
Walker, Christina Annie, LL.B. - - -	1935
Walker, Daniel, B.Sc. - - -	1887
Walker, Ellen Lawson, B.Sc. - - -	1899
°Walker, Frances Sophia, Mus.Bac. - - -	1908
Walker, Gilbert John, B.A. - - -	1940
Walker, Gordon Harold, B.E. - - -	1952
Walker, Ian Saville, Ph.D. (B.Sc., 1952) - - -	1956
Walker, Jane Elizabeth, B.A. (Wales) -	1908
†Walker, Janice Phyllis, B.A. - - -	1956
Walker, John Adrian Mozar, M.B., B.S. - - -	1951
Walker, John Schomburgk, B.Sc. - - -	1926
Walker, Mildred, B.A. - - -	1928
Walker, Reginald Jeffrey, M.B., B.S. -	1952
°Walkington, Harvey Mawbey, B.E. - - -	1937
Walkley, Allan, B.Sc. - - -	1927
Walkley, Gavin, B.E. - - -	1934
M.A. (Cambridge, 1942) - - -	1949
Walkley, Joan Eileen, M.Sc. (B.Sc., London) - - -	1949
Wall, Barbara Deane, M.A. - - -	1950
†Wall, Brian Henry, B.E. - - -	1958
°Wall, Frederick Lawrence, M.B., B.S. -	1914
Wall, Gordon Elliott, B.Sc. - - -	1947
Wall, Ian Baker, B.E. - - -	1955
Wall, Margaret Esther, B.Sc. - - -	1951
Wallace, Donald, B.A. - - -	1939
Wallace, Frank Kenneth, M.B., B.S. -	1934
Wallace, Robert Henry, B.Ec. (B.Com., Melbourne, 1952) - - -	1958
Wallace, Sir Robert Strachan, M.A. (Oxford) - - -	1926
Wallman, Ian Stuart, M.B., B.S. - - -	1947
Wallman, James Douglas Robson, M.B., B.S. - - -	1951
Wallman, Leigh Stuart, M.B., B.S. - -	1940
Wallman, Neil Stuart, M.B., B.S. - - -	1944
Wallman, Nugent Horton, LL.B. - - -	1937
Wallman, Rex Horton, B.D.S. - - -	1951
Wallman, Richard John Robson, M.B., B.S. - - -	1951
Wallmann, Douglas Robson, M.B., B.S. -	1918
Wallmann, Reginald Horton, LL.B. -	1907
Walmsley, Norman Stuart, B.D.S. - - -	1952
Walmsley, Robert Leitch Eric, M.B., B.S. - - -	1920
Walsh, Brian Richard, M.B., B.S. - - -	1950
Walsh, Dorothy Counley, B.A. - - -	1921
†Walsh, Elizabeth Jan, B.A. - - -	1956
Walsh, Esmond Thomas, M.B., B.S. - -	1926
Walsh, Frances Mary, B.A. - - -	1931
Walsh, Kevin Gerald, LL.B. - - -	1932
Walsh, John Francis Anthony, M.B., B.S. - - -	1955
Walsh, Margaret Mary, B.A. - - -	1951
Walsh, Reginald Clarence, B.E. - - -	1925
Walter, Denys, B.Ec. - - -	1955
Walter, Harold Noel, B.E. - - -	1936
Walter, Hilda Blanche May, M.A. - - -	1915
Walter, William Ardagh Gardner, B.A. (Oxford, 1908) - - -	1909
Walters, Francis Victor Charles, B.E. -	1953
Walters, George Henry, LL.B. - - -	1936
Walters, Max Norman Isadore, M.B., B.S. - - -	1954
†Walters, William Allen Willcox, M.B., B.S. - - -	1956
Walton, Bruce Adrian, B.Sc. - - -	1945
Walton, Gertrude Mary, B.A. - - -	1904
†Walton, Shirley-Anne Campion, B.A. -	1956
Walz, Joseph Michael, B.A. - - -	1945
Wannan, Douglas Copeland, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1947
Wannan, Ellen Sarah, B.Sc. - - -	1930
Ward, Cyril Michael, M.A. - - -	1912
Ward, Denby Harcourt, B.E. - - -	1955
Ward (nee Claridge), Evelyn Dorothy, B.Sc. - - -	1935
Ward, Geoffrey Grant, M.B., B.S. - - -	1955
Ward, Gerald Michael, LL.B. - - -	1949
Ward, Harry Lancelot, B.A. - - -	1920
Ward, Jean Russel, B.A. - - -	1939
°Ward, John Frederick, M.A. - - -	1908
Ward, Kevin James, LL.B. - - -	1949
°Ward, Kevin Leonard, LL.B. - - -	1921
Ward, Leonard Keith, B.E. (Sydney, 1903) - - -	1913
D.Sc. - - -	1926
Ward, Leonard Rosslyn, B.E. - - -	1932
†Ward, Margaret Hawthorne, B.Sc. - -	1958
Ward, Margaret Kennings, B.A. - - -	1947
Ward, Robert Hayes, LL.B. - - -	1936
Ward, Russel Braddock, M.A. - - -	1950
Warden, Robert Douglas Cunningham, LL.B. - - -	1951
Warhurst, Barbara Wilfred, B.Sc. - - -	1938
Wark, Bruce Goodman, B.D.S. - - -	1953
Warren, Donald Hampton, B.A. - - -	1942
Warren, Sidney Lilla, B.A. - - -	1915
Waterhouse, Edward John, B.Ag.Sc. -	1953
Waterhouse, George Saville, B.A. - - -	1955
Waterhouse, Louis David, LL.B. - - -	1914
Waterhouse, Ronald Greaves, M.B., B.S. - - -	1952
Waterhouse, Thomas Henry, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - -	1948
Waterman, Joseph Elliot, B.E. (Interim B.Sc. (Eng.), 1943, surrendered) -	1947
Waters, Russell Kyle, B.A. - - -	1949
Waterson, John Gabriel, B.D.S. - - -	1945
Watkins, Charles Thomas, LL.B. - - -	1907
Watkins, John Leslie, B.E. - - -	1933
Watkinson, Mavis Daphne, B.A. - - -	1937
°Watson, Arthur Harrison Edward, M.B., B.S. - - -	1920
Watson, Arthur John, M.B., B.S. - - -	1953
Watson, Brian, B.E. - - -	1953
†Watson, Christopher Lex, B.Ag.Sc. - -	1957
Watson, David Stanley, B.Sc. - - -	1954
Watson, Donald Robert, B.E. - - -	1951
Watson, George Michael, M.B., B.S. -	1936
†Watson, Graeme Douglas, B.A. - - -	1957
†Watson, John Champion, B.E. - - -	1956
Watson, Joyce, B.A. - - -	1937
Watson, Kenneth Graham, M.B., B.S. -	1953
Watson, Margaret Arden, B.Sc. - - -	1940
Watson, Patricia Bali, M.B., B.S. - -	1952
Watson, Percival, M.A. - - -	1931
Watson, Ruth, M.Sc. - - -	1938
Watson, Timothy Alfred Francis Quinlan, M.Sc. - - -	1945
Watt, Fanny Eileen, M.A. - - -	1930
Wattchow, Colin Edward, B.A. - - -	1949
Watts, Edith Isabel, B.A. - - -	1935
†Watts, Norman Clarence, B.E. - - -	1956
Watts, Ruth Emily, B.A. - - -	1949
Watts, John Clyde, B.Sc. - - -	1949
Wauchope, Diana D'Este, B.Sc. - - -	1949
Wauchope, Diosma Marie, B.A. - - -	1923
Wauchope, Frederick John, B.Sc. - - -	1930

°Deceased.

†Not yet Members of the Senate.

Wauchope, Malcolm Macdonald, B.D.S. (Melbourne, 1918) - - - - -	1924	West, Rosemary Ruth, M.B., B.S. - - - - -	1954
Wauchope, Mavis Lorelie, M.A. - - - - -	1936	Westerman, Franklina Sisley, B.D.S. - - - - -	1946
Waugh, William McDonald, B.A. - - - - -	1951	Westerman, Roderick Alan, M.B., B.S. - - - - -	1954
Way, Leslie Edward, B.Sc. - - - - -	1949	Westgarth, Walter Tebble, M.A. - - - - -	1929
Way, Neville James, M.B., B.S. - - - - -	1948	Westley, John French Hebbart, B.E. - - - - -	1957
Way, Thomas Hubert, B.E. - - - - -	1952	Weston, Frank Keith, B.A. - - - - -	1950
Waye, Peter Neil, LL.B. - - - - -	1951	M.B., B.S. - - - - -	1957
Wearne, Enid Lois, B.A. - - - - -	1948	Westphalen, John Arthur, B.Sc. - - - - -	1950
Webb, Arthur Liddon, M.B., B.S. - - - - -	1922	Westphalen, Kenneth John, M.B., B.S. - - - - -	1953
Webb, Bruce, Phillip, M.Sc. - - - - -	1954	Whalan, Lionel Walter, B.A. - - - - -	1948
Webb, Emmaline Nancy, B.A. - - - - -	1949	Wharhirst, Gwendolen Elizabeth, M.A. (Oxford, 1940) - - - - -	1945
Webb, John Edward, B.Sc. (Eng.) - - - - -	1942	Wheatley, Frederick William, B.A. - - - - -	1904
Webb, John Newton, M.B., B.S. - - - - -	1917	D.Sc. - - - - -	1913
Webb, Kenneth Alfred, B.E. - - - - -	1953	Wheaton, Geoffrey Brendan, B.E. - - - - -	1956
Webb, Mary Gwendoline, B.A. - - - - -	1937	Wheaton, Malcolm Alfred, M.B., B.S. - - - - -	1954
Webb, Rita Gwendoline, B.A. - - - - -	1930	Wheaton, Neville Alistair, B.E. - - - - -	1956
Webber, Colin Russell, B.E. - - - - -	1952	Wheaton, Neville Kingsley, B.Sc. - - - - -	1957
Webber, Ian Ernest, B.E. - - - - -	1957	Wheaton, Russell Norman, B.Sc. - - - - -	1952
Webber, Muriel Esme Jill, B.A. - - - - -	1957	Wheeler, Harry Winslow, B.Sc. - - - - -	1929
Webber, Ronald Thomas John, B.Ag.Sc. - - - - -	1948	Wheeler, Reginald John, M.B., B.S. - - - - -	1930
Webbing, Donald D'Arcy, B.Sc. - - - - -	1950	Whelan, John Thomas, B.Ec. - - - - -	1952
M.B., B.S. - - - - -	1955	Whelan, Robert Ford, M.D. (Belfast, 1951) - - - - -	1958
Webster, Raymond Murray, B.Sc. - - - - -	1938	Whibley, Cyril George, B.E. - - - - -	1927
Webster, Stanley George, M.B., B.S. - - - - -	1951	Whillas, Geoffrey French, B.Sc. - - - - -	1946
Webster, Wilfred Grant, B.Sc. - - - - -	1949	Whillas, Jean Kathleen, M.A. - - - - -	1952
Weetman, Alan Russell, M.B., B.S. - - - - -	1951	Whitburn, Jack, B.A. - - - - -	1931
Wegener, Clemens Frederick, B.Sc. - - - - -	1949	*White, Alan Hubert, M.B., B.S. - - - - -	1921
Wegener, Richard Albert, B.E. - - - - -	1948	White, Allan James Risely, B.Sc. - - - - -	1952
Weidenbach, Neil, B.Sc. - - - - -	1954	White, Anthony Hopper, B.Sc. - - - - -	1951
†Weigold, Erich, B.Sc. - - - - -	1958	White, Brian Ross, B.Sc. - - - - -	1947
Weir, Isobel, B.A. - - - - -	1914	White, Elizabeth Alice, B.A. - - - - -	1956
Weiss, Alan Austin, Ph.D. (B.Sc., 1950) - - - - -	1955	White, Francis Richard, B.D.S. - - - - -	1950
Weiss, Donald Eric, B.Sc. - - - - -	1945	White, Hedley John, B.E. - - - - -	1950
Weiss, Hertha Nellie, M.A. (Ph.D., Vienna, 1932) - - - - -	1941	White, Helena Victoria, B.A. - - - - -	1934
†Weissman, Gerhard, B.Tech. - - - - -	1958	White, Henry Douglas, B.A. - - - - -	1943
Welbourn, Alan Egerton, B.E. - - - - -	1937	White, James Michael, LL.B. - - - - -	1951
Welbourn, Barbara Egerton, B.Sc. - - - - -	1941	B.A. - - - - -	1956
Welbourn, Eleanor Egerton, B.A. - - - - -	1948	White, Joan Hazel, M.B., B.S. - - - - -	1935
Welch, Arthur Walter Sydney James, M.B., B.S. - - - - -	1923	White, John Baron, B.E. - - - - -	1949
Welch, Frank Edison, M.B., B.S. - - - - -	1936	White, Joseph Charles, B.Ec. - - - - -	1955
Welch, Horace Henry Eric, B.E. - - - - -	1938	White, Joyce Winifred, B.A. - - - - -	1945
Welch, Howard Walter, M.B., B.S. - - - - -	1954	White, Kenneth Elsdon, B.E. - - - - -	1948
Weld, Elizabeth Eleanor, M.B. (Melbourne, 1901) - - - - -	1901	†White, Leeson Desmond, B.E. - - - - -	1957
Wellby, Maurice Lindsay, M.Sc. - - - - -	1954	†White, Maureen Therese, B.Sc. - - - - -	1956
M.B., B.S. - - - - -	1958	†White, Michael Leonard, B.E. - - - - -	1956
Weller, Raymond Alfred, B.Sc. - - - - -	1948	White (nee Healy), Nora Kate, B.A. - - - - -	1939
Wellington, Hugh Kennedy, B.E. - - - - -	1948	White, Phyllis, B.Sc. (Sydney, 1920) - - - - -	1922
Wells, Barbara Gordon, M.B., B.S. - - - - -	1951	White, Randal Derek, B.E. (Interim B.Sc. (Eng.), 1945, surrendered) - - - - -	1947
Wells, Cedric Bayford, B.Ag.Sc. - - - - -	1951	White, Ray Baron, B.E. - - - - -	1942
Wells, Clarence Gordon, M.B., B.S. - - - - -	1921	†White, Roderick James, LL.B. - - - - -	1958
Wells, Elizabeth Anne, B.A. - - - - -	1949	White, Rodney Gordon, M.B., B.S. - - - - -	1949
Wells, Elizabeth Wynne, B.A. - - - - -	1934	White, Ruth Baron, B.Sc. - - - - -	1942
Wells, Margaret Suzanne, B.A. - - - - -	1953	White, Stanley Noel, B.A. - - - - -	1953
Wells, William Andrew Noye, LL.B. - - - - -	1945	White, Wilfred Allan, B.Ec. - - - - -	1942
Welsh, James Oglesby, B.A. - - - - -	1948	White, Wilfred Carlstan Jurs, B.Sc. - - - - -	1948
Wemyss, Eleanor Evelyn Beatrice, M.A. - - - - -	1924	*White, William John, M.E. - - - - -	1920
Wenham, Muriel, B.A. - - - - -	1954	White, William Richard Bolitho, B.E. - - - - -	1932
†Wennerbom, Alan John, B.Sc. - - - - -	1956	Whitehead, Millicent Alma, B.A. - - - - -	1949
Were, John Owen, B.A. - - - - -	1933	Whitehouse, Joseph Chenoweth, M.B., B.S. - - - - -	1953
Wesley Smith, Henry Elliott, B.A. - - - - -	1936	Whitelaw, Albert James, B.Sc. - - - - -	1929
Wesslink, Philip Murdoch, B.D.S. (Sydney, 1926) - - - - -	1949	B.A. - - - - -	1937
†West, Alan William, LL.B. - - - - -	1957	Whitford, Desmond Joseph, B.E. - - - - -	1953
West, Arthur George Bainbridge, M.A. (Oxford, 1892) - - - - -	1897	Whitford, Patricia Mary, B.A. - - - - -	1940
West, Bruce Oswald, Ph.D. (B.Sc., 1948) - - - - -	1954	Whitford, Raymond Frank, M.B., B.S. - - - - -	1953
West, Doris Marjorie, B.A. - - - - -	1921	Whiting, Clyde Taylor, B.A. - - - - -	1931
West, Eric Stodden, B.Sc. - - - - -	1921	Whiting, Peter Arthur, B.Sc. - - - - -	1953
West, Esmond Frank, M.B., B.S. - - - - -	1922	Whittington, Anne, B.A. - - - - -	1950
*West, Gordon Roy, B.Sc. - - - - -	1904	Whittington, Bertram, B.Sc. - - - - -	1899
M.B., B.S. - - - - -	1908	B.E. - - - - -	1913
West, John Burnard, M.B., B.S. - - - - -	1952	Whittington, Joan, B.A. - - - - -	1933
West, John Stanley, B.E. (B.Sc., 1907, surrendered for B.E.) - - - - -	1914	Whittington, Louis Arnold, LL.B. - - - - -	1911
West, Leonard Roy, M.B., B.S. - - - - -	1934	Whittington, Richard Smallpiece, LL.B. - - - - -	1935
West, Reginald Arthur, M.A. - - - - -	1905	Whitman, Gerald Caleb, B.Sc. - - - - -	1952
West, Robert Frank, M.D. (M.B., B.S., 1935) - - - - -	1949	Whittle, Alick William Green, M.Sc. - - - - -	1948
		†Whittle, Christopher Playford, B.Sc. - - - - -	1958
		Whittle, Donald George, B.E. - - - - -	1936
		Whittle, Edith Julia, B.A. - - - - -	1950
		Whittle, Harry Reed, B.E. - - - - -	1952
		Whittle, James Latimer, B.E. - - - - -	1952

*Deceased.

†Not yet Members of the Senate.

Whittle, Richard Latimer, LL.B. - - -	1954	Williams, Roy Ernest, M.Sc. - - - -	1953
Whyte, Jean Primrose, B.A. - - -	1952	Williams, Robert Francis, D.Sc. (M.Sc., 1934) - - - -	1957
Whyte, Phyllis Primrose, B.A. - - -	1952	Williams (nee Hotten), Roma Olive, B.A. - - - -	1941
† Wiadrowski, Ian Barrie, B.E. - - -	1957	Williams, Spencer, M.A. - - - -	1930
Wiadrowski, Maxwell Alfred Anton, B.A. - - - -	1937	Williams, Vivienne June, B.Sc. - - -	1955
Wibberley, Brian, B.E. - - - -	1951	Williams, Walter Leslie, B.A. - - -	1940
Wibberley, Brian William, B.Sc. - - -	1911	Williams, Zena Vera, B.A. - - - -	1940
M.B., B.S. - - - -	1914	Williamson, Arthur Edward, B.E. - - -	1953
† Wibberley, David John, M.B., B.S. - -	1956	Williamson, David Aubrey, M.B., B.S. -	1951
Wibberley, Hermia Mary, B.A. - - -	1941	† Williamson, Geoffrey Lea, B.Sc. - - -	1956
Wibberley, Judith, B.A. - - - -	1952	Williamson, Hugh Angus, LL.B. - - -	1955
Wickett, Harold Clarence, M.Sc. - - -	1946	B.A. - - - -	1956
Wicks, Frederick Ralph, M.B., B.S. - -	1923	Willing, Charles Eric, M.B., B.S. - - -	1928
Wicks, Graham Ralph, M.B., B.S. - - -	1954	Willing, Richard Lyall, M.B., B.S. - -	1954
Wicks, Norman Stephen Price, M.B., B.S. - - - -	1947	Willington, Clayton Louis, M.B., B.S. -	1955
Wien-Smith, Geoffrey, M.B., B.S. - - -	1915	Willington, John Mattinson, B.E. - - -	1951
† Wiese, Margaret Helen, B.A. - - - -	1958	Willington, Lloyd Stanley, B.A. - - -	1950
Wiesner, Clarence Jack, B.Sc. - - -	1935	Willis, John, B.A. (Melbourne) - - -	1952
Wigan, Leonard James Cleveland, B.E. -	1921	Willmott, Josiah Percival, B.Sc. - - -	1907
Wigg, Neil Thornburn Melrose, M.B., B.S. - - - -	1925	Willoughby, Eric Osborn, B.E. (B.E.E., Melbourne, 1931) - - - -	1947
Wigg, Ronald Melrose, M.E. - - - -	1945	Willoughby, Roger George, M.D.S. - - -	1953
Wight, Albert James, B.E. - - - -	1936	Wills, Caroline Marie Agnew, B.A. - - -	1951
Wight, Albert Raymond, B.E. - - - -	1914	Wills, Lindsay Arthur, B.A. - - - -	1953
Wight, Hillier Clement, B.E. - - - -	1933	Willsmore, Elsie Victoria, Mus.Bac. - -	1918
Wight, Hugh Humphrey, B.Sc. - - - -	1929	Willsmore, Hurtle Binks, B.Sc. - - -	1916
M.E. - - - -	1937	Wilmshurst, Maurice George, B.A. - - -	1934
Wighton, Dugald Craven, M.B., B.S. - -	1953	Wilson, Allan Fraser, M.Sc. - - - -	1947
Wighton, Helen Craven, B.A. - - - -	1938	† Wilson, Avis Jean, B.Sc. - - - -	1956
Wighton (nee Blackburn), Rosemary Neville, B.A. - - - -	1945	Wilson, Brenda Ruth, B.A. - - - -	1950
Wignall, Douglas Ronald, B.A. - - - -	1948	Wilson, Charles Ernest Cameron, M.B. (Melbourne, 1899) - - - -	1900
Wilcher, Lewis Charles, B.A. - - - -	1929	Wilson, Charles Graham, M.B., B.S. - -	1947
Wildy, Ralph Alderman, B.E. - - - -	1938	Wilson, Colin Leslie, B.Sc. (Eng.) - - -	1944
Wilhelm, Donald Lancelot, M.D. (M.B., B.S., 1942) - - - -	1951	Wilson, Dennis de Courcy, M.B., B.S. -	1949
Wilhelm, Walter Gerhard, B.E. - - - -	1953	Wilson, Derek Finlay, LL.B. - - - -	1936
Wilkins, Austral Jack, B.E. (Interim B.Sc. (Eng.), 1947, surrendered) - -	1948	Wilson, Doris May, B.A. - - - -	1938
† Wilkins, Noel Aldridge, B.Ec. - - - -	1958	Wilson, Edward Peter, M.B., B.S. - - -	1951
Wilkins, Ray Eber, B.A. - - - -	1948	† Wilson, Geoffrey Palmer, B.Ec. - - -	1958
Wilkinson, Donald Cameron, B.A. - - -	1952	Wilson, Gordon Samuel, B.Sc. (Eng.) - -	1944
Wilkinson, Graham Neil, M.Sc. - - - -	1958	* Wilson, Harry Max, B.D.S. - - - -	1928
Wilkinson, Harold Callan, B.E. - - - -	1931	† Wilson, Helen Margaret, B.Sc. - - -	1957
Wilkinson, Herbert John, B.A. - - - -	1914	Wilson, Ian Bonython Cameron, LL.B. -	1955
M.D. (Sydney, 1930) - - - -	1934	† Wilson, Ian Stewart, B.Sc. - - - -	1957
Wilkinson, Philomena Mary, B.A. - - -	1949	Wilson, Jack Woodrow, B.Sc. - - - -	1936
Wilkinson, Robert Stuart, M.B., B.S. -	1939	Wilson, James Beith, B.A. - - - -	1896
Wilkinson, Stewart Rex, B.A. - - - -	1950	Wilson, John Grenell, M.B., B.S. - - -	1949
Wilkinson, Thomas Lancelot, B.Sc. - - -	1925	Wilson, John Stewart, M.B., B.S. - - -	1952
Wilksch, Betty Ruth, B.A. - - - -	1949	Wilson, Keith Cameron, LL.B. - - - -	1922
Willcocks, Robert Douglas, B.Sc. - - -	1951	Wilson, Keith John, M.B., B.S. - - -	1952
Williams, Arthur Charles, B.Sc. - - - -	1950	Wilson, Laurence Algernon, M.B., B.S. -	1918
Williams, Arthur Evan, M.B., B.S. - - -	1914	† Wilson, Laurence Leigh, M.B., B.S. -	1956
† Williams, Baden George, B.Ag.Sc. - - -	1958	Wilson, Luther Ernest Crosby, B.Sc. -	1926
Williams, Bruce Rodda, M.A. - - - -	1944	M.A. - - - -	1932
Williams, Caroline Margaret, B.A. - - -	1915	Wilson, Mollie Jean, LL.B. - - - -	1935
Williams, Christobel Mary, B.Sc. - - -	1945	Wilson, Nicholas Michael, B.A. - - -	1955
Williams, Colin Hale, M.Sc. - - - -	1948	† Wilson, Philippa Morag, B.A. - - -	1958
Williams, Donald Carter, B.A. - - - -	1933	Wilson, Robert Bruce, B.Sc. - - - -	1950
LL.B. - - - -	1935	Wilson, Robert Kevin, M.B., B.S. - - -	1937
Williams, Donald Newbery, B.D.S. - - -	1954	* Wilson, Sir Thomas George, M.D. (Sydney, 1904) - - - -	1904
Williams, Dorothy Theresia, B.A. - - -	1935	Wilson, Valerie Joy, B.A. - - - -	1952
Williams, Eirene Mary, B.A. - - - -	1907	Wilson, William Fraser, B.Sc. - - - -	1943
Williams, Garth David, B.Sc. - - - -	1948	Wilton, Alexander Cockburn, M.B., B.S. - - - -	1911
Williams, George Esson Keith, M.A. - -	1947	Wilton, Dorothy Clyve, B.Sc. - - - -	1940
Williams, George Mervyn, B.Sc. - - - -	1953	Wilton, John Barrett, B.Sc. - - - -	1950
Williams, Harold Richard Michael, LL.B. - - - -	1953	Wincey, Cynthia Weaver, B.Sc. - - -	1949
† Williams, Horton Clement, LL.B. - - -	1956	Winch, Kenneth Varley, B.E. - - - -	1952
Williams, Joan Beatrice, B.A. - - - -	1948	Windle, Doris Sophia, B.A. - - - -	1941
Williams, Kenneth Douglas, B.Ec. - - -	1955	Winkler, Arthur Edmund, B.Sc. (Eng.) -	1943
† Williams, Kevin Graham, B.Sc. - - - -	1958	Winnall, Nancy Eleanor, B.Sc. - - - -	1919
Williams, Lindsay Hale, LL.B. - - - -	1945	Winter, Beatrice Erwine, B.A. - - - -	1955
Williams, Mabel Evangeline, M.A. - - -	1916	Winter, Karl Berthold, M.B., B.S. - - -	1942
† Williams, Martin John, M.B., B.S. - - -	1958	Winter, William Graham, B.Sc. - - -	1938
Williams, Monica Houghton, B.Sc. - - -	1951	Winton, Berna Kathleen, B.A. - - - -	1953
Williams, Philip Glenly, B.A. - - - -	1941	Winwood, William Weston, B.E. - - -	1926
Williams, Philip Mark, B.E. - - - -	1951	† Winzor, Donald John, B.Sc. - - - -	1956
Williams, Ralph, B.Sc. - - - -	1914	Winzor, Frank Lovelock, D.Sc. (B.Sc., 1921) - - - -	1935
† Williams, Rosemary, B.Sc. - - - -	1956		

* Deceased.

† Not yet

Members of the Senate.

HONOURS DEGREE OF BACHELOR OF ARTS. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Blackburn, Margaret Alison, French Language and Literature II (i) - - -	1951	Meaney, Neville Kingsley, History and Political Science II (i) - - -	1955
Blair, Ruth Margaret, Economics II (ii) - - -	1951	Medwell, John Gordon, B.A., Economics II (i) - - -	1955
Clift, Lawrence Henry Marcus, English Language and Literature II (ii) - - -	1951	Mills, Bessie Heather, B.A., English Language and Literature II (ii) - - -	1955
Forbes, Alexander James de Burgh, Political Science and History I - - -	1951	Muecke, Ian Donald, English Language and Literature II (ii) - - -	1955
Gilbertson, Nannette, English Language and Literature I - - -	1951	Nerlich, Graham Charles, English Language and Literature and Philosophy II (i) - - -	1955
Hetherington, Robert, Political Science and History II (i) - - -	1951	Ng, Linn Timn, B.A., History and Political Science III - - -	1955
Nilsson, Neil Alfred, Philosophy II (i) - - -	1951	Smith, Richard Waldemar Law, History and Political Science II (i) - - -	1955
Rendell, Margaret Patricia, Political Science and History I - - -	1951	Waterhouse, George Saville, English Language and Literature II (i) - - -	1955
Ross, Nadeen Adoree, Political Science and History II (i) - - -	1951	Wilson, Nicholas Michael, Classics III - - -	1955
Selth, Geoffrey Poole, French Language and Literature I - - -	1951	Wood, Rosemary Anne, English Language and Literature and History II (ii) - - -	1955
Strahan, Anthony William, B.A., English Language and Literature II (i) - - -	1951	Barrett, Harold John, History and Political Science I - - -	1956
Turner, Constance Mary, English Language and Literature II (i) - - -	1951	Buttrose, Stroma, Geography II (ii) - - -	1956
Wills, Caroline Marie Agnew, English Language and Literature I - - -	1951	Cornell, Philippa Sinclair, French Language and Literature I - - -	1956
Ashwin, Charles Robin, Political Science and History I - - -	1952	Jolly, Erica Annette, History and Political Science II (ii) - - -	1956
Diamond, Arthur Ian, Political Science and History II (i) - - -	1952	LePage, Patricia Nadeane, Geography II (i) - - -	1956
Gilding, Kevin Rex, English Language and Literature III - - -	1952	McGill, Ian Keith, German I - - -	1956
Johnson, Margaret Isobel, French Language and Literature I - - -	1952	Mitchell, Zonne Marion, English Language and Literature III (i) - - -	1956
Lewis, Robert Brook, B.Sc., Economics I - - -	1952	Moore, Robert Clifton, History and Political Science I - - -	1956
McKinnon, Heather Campbell, English Language and Literature II (i) - - -	1952	Pocock, Edward Robert, History and Political Science I - - -	1956
Mills, John Murray, French Language and Literature I - - -	1952	Pridham, Geoffrey Jasper, B.A., LL.B., Geography II (i) - - -	1956
Naughtin, Patrick Chanel, B.A., English Language and Literature II (ii) - - -	1952	Robertson, Margaret Jean, English Language and Literature I - - -	1956
Whyte, Jean Primrose, English Language and Literature I - - -	1952	Schneider, Michael Philip, B.A., History and Political Science II (i) - - -	1956
Whyte, Phyllis Primrose, English Language and Literature II (i) - - -	1952	Walsh, Elizabeth Jan, English Language and Literature II (i) - - -	1956
Young, Aileen, English Language and Literature II (ii) - - -	1952	Williamson, Hugh Angus, LL.B., English Language and Literature and Philosophy II (ii) - - -	1956
Ellis, Brian David, B.Sc., Philosophy I - - -	1953	Chalklen, Roland John, B.A., English Language and Literature II (ii) - - -	1957
Goodenough, Warwick William, English Language and Literature II (i) - - -	1953	Cross, Jack, History II (i) - - -	1957
Greet, Frank Hamilton, English Language and Literature III - - -	1953	Greet, Raymond James, Politics II (i) - - -	1957
Hayward, Thomas Ronald, B.Ec., Political Science and History II (i) - - -	1953	Grenfell, Ian Henry, English Language and Literature II (i) - - -	1957
Reid, Robert Leighton, Political Science and History II (i) - - -	1953	Hambly, Peter Sutherland, French Language and Literature I - - -	1957
Sutton, Laura Margaret, Economics II (ii) - - -	1953	Higgins, John William, History III - - -	1957
Tregenza, John Miller, English Language and Literature II (i) - - -	1953	Horvat, Leon, B.A., German II (ii) - - -	1957
Wadham, Elizabeth Jean, Political Science and History II (i) - - -	1953	Mitchell, Terrence John, History II (i) - - -	1957
Lawrence, Robert John, History and Political Science I - - -	1953	Mune, Marie Elizabeth, B.A., History II (i) - - -	1957
Cleland, James Lindsay, Political Science and History II (ii) - - -	1954	Ohlstrom, Leonore Anne, B.A., German II (i) - - -	1957
Gilding, Gwendoline Fay, B.A., Geography I - - -	1954	Sasse, Hans Christopher, English Language and Literature II (ii) - - -	1957
Laycock, Margaret, French Language and Literature II (i) - - -	1954	Smith, Barry Whitmore, B.A., Philosophy I - - -	1957
Lyon, Malcolm Elliot, French Language and Literature II (i) - - -	1954	Watson, Graeme Douglas, French Language and Literature and German I - - -	1957
Richardson, Ruth Mary Desmond, Political Science and History II (ii) - - -	1954	Blackmore, Gerda, German III - - -	1958
Anthonyisz, Matthew Wilfred, History and Political Science II (ii) - - -	1955	Bradley, Michael Charles, Philosophy I - - -	1958
Bennier, Margaret Mary Caroline, Geography II (i) - - -	1955	Brock, Erland Jeffrey, Geography II (ii) - - -	1958
Bowes, Keith Russell, History and Political Science II (i) - - -	1955	Eckermann, Frances Marie, English II (ii) - - -	1958
Campbell, Archibald Duncan, History and Political Science II (i) - - -	1955	Gambling, Janice Melva, History II (ii) - - -	1958
Godwell, David, English Language and Literature II (i) - - -	1955	Gelsen, Henrik, German II (ii) - - -	1958
		Glenn, Margaret Joy, French I - - -	1958
		Gradussov, Alexis, German II (ii) - - -	1958
		Howlett, Diana Rosemary, Geography II (i) - - -	1958
		Kaspiew, Radzen, History III - - -	1958
		Keain, Arthur Patrick, History II (i) - - -	1958

Lea, David Alexander Maclure, Geo- graphy I - - - - -	1958	Pearce, Helen Ruth, History II (i) -	1958
Luck, Janice, English II (i) - - -	1958	Phillips, Walter Wynne, History II (i)	1958
Luke, Murdoch Stewart, English II (i)	1958	Porter, Mervyn Kingsley, History II (i)	1958
Magor, Margaret Elizabeth, German II	1958	Wilson, Philippa Morag, English Lan- guage and Literature I - - - -	1958
(i) - - - - -	1958	Zinnbauer, Alfred Freund, German II	1958
Michell, Meredith June, History II (ii)	1958	(i) - - - - -	1958
Mulvihill, Edward John, Philosophy II	1958		
(ii) - - - - -	1958		

HONOURS DEGREE OF BACHELOR OF ECONOMICS. (INSTITUTED 1930.)

Cameron, Roy James, B.Ec., I - - -	1949	Sharp, Warren Player, II (i) - - -	1954
Hieser, Ronald Oswald, I - - - -	1949	Dudzinski, Miroslaw Leonard, IIB -	1955
Howard, Donald William Digby, II -	1949	Head, John Graeme, B.Ec., I - - -	1955
Boehm, Ernst Arthur, I - - - -	1950	Ashcroft, John, B.Ec., II (ii) - -	1957
Grant, John McBain, I - - - -	1950	Evans, David Wyke, I - - - -	1957
Raftery, George Aldborough, II (i) -	1950	Heinrich, Harold Gordon, B.Ec., I -	1957
Smith, Adrian Milton, I - - - -	1950	Menadue, John Laurence, B.Ec., II (i)	1957
O'Donohue, Raymond Francis, III -	1951	Robless, Cosmas Linus, B.Ec., II (i)	1957
Sturmev, Stanley George, I - - - -	1951	Tuckwell, Roger Hamilton, B.Ec., I -	1957
Hill, Malcolm Robert, I - - - -	1952	Coat, Jillian Irene, II (i) - - -	1958
Penny, David Harry, I - - - -	1952	Cockburn, Malcolm, II (i) - - -	1958
Gibbs, Graham Rossiter, II (ii) -	1953	Fowler, Robert Malcolm, II (i) - -	1958
Griggs, Robert Leslie, B.Ec., I - -	1953	Juhasz, Ferenc, II (i) - - - -	1958
Hodan, Miroslav, B.Ec. II (i) - - -	1954	Polasek, Metodey, I - - - - -	1958

HONOURS DEGREE OF BACHELOR OF SCIENCE. (INSTITUTED 1901.)

For previous Lists, see Calendars from 1918.

Beecham, Anthony Frank, Chemistry I -	1951	Rowley, Rex Cameron, B.Sc., Economic Geology IIA - - - - -	1952
Brasch, Leonard William, Chemistry IIA	1951	Sanderson, John Gavin, B.Sc., Mathe- matics IIA - - - - -	1952
Chartres, Bruce Aylwin, Physics IIA -	1951	Simons, Arthur Nicholas, B.Sc., Chemis- try I - - - - -	1952
Chittleborough, Robert Graham, Zoo- logy I - - - - -	1951	Spencer, Leslie Brian, B.Sc., Chemistry I - - - - -	1952
Davies, Rodney Deane, Physics IIB -	1951	Baker, Irvine Noel, Mathematics I - -	1953
Ellis, Brian David, Physics IIB - - -	1951	Brown, Roger Norman, B.Sc., Physics IIB - - - - -	1953
Hopkins, Brian McDonald, Economic Geology IIB - - - - -	1951	Buttery, Ronald Gordon, B.Sc., Chemis- try I - - - - -	1953
Howard, Rex Trowbridge, Chemistry IIA	1951	Catchpole, John Roger, B.Sc., Physics IIB - - - - -	1953
Jeffery, Margaret Wyn, Botany IIA - -	1951	Daily, Brian, B.Sc., Geology IIA - -	1953
Johnson, Keith Douglas, Physiology IIA	1951	Dunlop, Colin Wesley, B.Sc., Physiology I - - - - -	1953
Lewis, Graham Ethelbert, Chemistry I -	1951	Forbes, Bryan George, B.Sc., Geology I	1953
Lewis, Sylvia Hilda, Zoology IIA - -	1951	Hall, Barbara Isabelle Herbert, B.Sc., Physics I - - - - -	1953
Liddy, Desmond Terence, Physics I -	1951	Hobden, Joan Frances, B.Sc., Chemistry I - - - - -	1953
Meaney, Maxwell Francis, Chemistry IIB	1951	Hunt, Arnold Leighton, B.Sc., Bio- chemistry I - - - - -	1953
Medlin, Edwin Harry, Physics I - - -	1951	Ladd, Jeffrey Norman, B.Sc., Bio- chemistry I - - - - -	1953
Michael, James Henry, Mathematics I	1951	Leslie, Robert Bradshaw, B.Sc., Geology I - - - - -	1953
Morris, Kerwin William, Mathematics IIA - - - - -	1951	McCarthy, Ian Ellery, B.Sc., Physics I	1953
Parker, Murray Harold, Physics IIB - -	1951	Macklin, William Charles, B.Sc., Physics IIA - - - - -	1953
Seidler, Ian Hynek, Chemistry I - - -	1951	Martin, Keith George, B.Sc., Chemistry IIA - - - - -	1953
Skinner, Brian John, Economic Geology I - - - - -	1951	Martin, Peter Gordon, Genetics I - -	1953
Tester, Donald Kenneth, Economic Geo- logy IIB - - - - -	1951	Miller, Peter Geoffrey, B.Sc., Geology IIA - - - - -	1953
Thomson, Bruce James, Chemistry IIA	1951	Milligan, Brian, B.Sc., Chemistry I -	1953
Urwin, Jack Robson, Chemistry I - - -	1951	Pratten, Raymond Douglas, B.Sc., Geology IIA - - - - -	1953
Weiss, Alan Austin, Physics I - - - -	1951	Turner, Kevin James, B.Sc., Chemistry I	1953
Wellby, Maurice Lindsay, Biochemistry IIB - - - - -	1951	Wade, Mary Julia, B.Sc., Geology I -	1953
Wilton, John Barrett, Chemistry I - -	1951	Walker, Ian Saville, B.Sc., Chemistry I	1953
Worthington, Charles Roy, Physics IIA -	1951	Wheaton, Russell Norman, B.Sc., Physics IIA - - - - -	1953
Ziesing, George Murray, Physics I - -	1951	Woodard, Geoffrey Davidson, B.Sc., Geology IIA - - - - -	1953
Angle, Ronald James, B.Sc., Physics IIB	1952	White, Allan James Risely, B.Sc., Geology I - - - - -	1953
Brett, Horace William Walter, B.Sc., Chemistry I - - - - -	1952	Wilkinson, Graham Neil, Mathematics IIA - - - - -	1953
Bunney, Bronte Rowland, B.Sc., Physics IIA - - - - -	1952	Best, Effie Deland, B.Sc., Physiology I -	1954
Clendinnen, Ian Jeffrey, B.Sc. Physics IIB - - - - -	1952	Chinner, Graham Alan, B.Sc., Geology and Mineralogy I - - - -	1954
Denby, Ernest Frank, B.Sc., Physics I -	1952	Christie, Basil James Frederick, B.Sc., Chemistry I - - - - -	1954
Duncan, Robert Allan, B.Sc., Physics I	1952		
Calvin, Leola Beth, B.Sc., Zoology IIB	1952		
Goodwin, Geoffrey Leonard, B.Sc., Physics IIA - - - - -	1952		
Harms, John Eric, B.Sc., Economic Geology IIA - - - - -	1952		
Kaewbaidhoon, Sa-ngob, Economic Geology IIA - - - - -	1952		
McCarthy, Ian John, B.Sc., Chemistry I	1952		
Rayson, Patricia, B.Sc., Botany IIA -	1952		
Reynolds, Maxwell Andrew, B.Sc., Geology I - - - - -	1952		

Duguid, Andrew Melville, Mathematics I	1954	McDowall, Barry Patrick, B.Sc., Mathematical Physics I	1956
Elford, Malcolm Thomas, B.Sc., Physics I	1954	Murphy, William Hugh, B.Sc., Chemistry IIB	1956
Keech, Donald Bruce, B.Sc., Biochemistry I	1954	Pilton, Phyllis Evelyn, B.Sc., Genetics IIB	1956
Korytnyk, Wsewolod, B.Sc., Chemistry I	1954	Stacy, Margaret Ruth, B.Sc., Genetics IIA	1956
McGee, Colin Raymond, B.Sc., Physics IIA	1954	Sved, Marta, Mathematical Physics IIA	1956
McKelvie, Donald, B.Sc., Physics IIB	1954	Aylmore, Lance Arthur Graham, B.Sc., Physics IIB	1957
McLean, Ian Weymouth, B.Sc., Physics I	1954	Brett, Peter Robin, B.Sc., Geology IIA	1957
Milton, Bernard Eric, Physics IIA	1954	Duncan, Andrew Kenneth, Mathematics I	1957
Mullner, Judith Anne, B.Sc., Physiology IIB	1954	Fee, Warren William, B.Sc., Chemistry IIA	1957
Murray, Eric Lionel, B.Sc., Physics IIB	1954	Forwood, Peter Strauss, B.Sc., Geology UA	1957
Northey, Helen Louise, B.Sc., Chemistry I	1954	Gurr, Graham Edward, B.Sc., Physics IIB	1957
Prest, David Harris, B.Sc., Physics IIA	1954	Hawker, John Seth, B.Sc., Botany IIA	1957
Sasse, Wolfgang Hermann Fritz, B.Sc., Chemistry I	1954	Inman, Ross Banks, B.Sc., Chemistry I	1957
Smith, John Wilton, B.Sc., Physics IIB	1954	Kimber, Ronald Walter Lincoln, B.Sc., Chemistry I	1957
Stephens, John Felton, B.Sc., Chemistry IIA	1954	Koerber, Brian Walter, B.Sc., Physics IIA	1957
Thompson, Malcolm James, B.Sc., Chemistry I	1954	Kowanko, Nicholas, B.Sc., Chemistry I	1957
Tiller, Kevin George, B.Sc., Chemistry IIA	1954	McKellar, John Ralph, B.Sc., Chemistry IIA	1957
Brown, Judith Eileen, B.Sc., Botany IIA	1955	Mickan, Erwin Laurence, B.Sc., Physics I	1957
Grasso, Rosario, B.Sc., Geology IIA	1955	Mumme, William Gustav, B.Sc., Geology I	1957
Hale, Robert Palmer, B.Sc., Physics I	1955	Nichol, Lawrence Walter, B.Sc., Chemistry I	1957
Herath, Meewakkala Mudiyanseelage Jinadasa Willehad, Geology IIA	1955	Risely, Barrie Grenville, B.Sc., Geology IIA	1957
Kurucsev, Tomas, B.Sc., Chemistry I	1955	Snoswell, Alan Marlow, B.Sc., Biochemistry I	1957
Ling, John Kynaston, B.Sc., Zoology IIA	1955	Tindall, Ronald Graham, B.Sc., Physics I	1957
Lokan, Keith Henry, B.Sc., Physics IIA	1955	Williamson, Geoffrey Lea, B.Sc., Physics IIB	1957
McManus, John Bernard, B.Sc., Geology IIA	1955	Winzor, Donald John, B.Sc., Chemistry I	1957
Mainstone, John Sydney, B.Sc., Physics IIB	1955	Abela, Charles, Geology II (i)	1958
Martin, Helene Alice, B.Sc., Botany IIA	1955	Bagot, Charles Herve, Physics II (i)	1958
Nogare, Ronald Raphael Dalle, B.Sc., Mathematical Physics I	1955	Beck, Kevin Charles, Geology I	1958
Ophel, Trevor Richard, Physics I	1955	Byrne, Osman Roy, Genetics I	1958
Rogasch, Peter Edwin, B.Sc., Chemistry IIB	1955	Capon, Ian Nicholas, Mathematics I	1958
Sando, Margaret, Geology IIA	1955	Cottrill, Robert Walter, Physical and Inorganic Chemistry I	1958
Shepley, Estelle Ann, B.Sc., Botany IIA	1955	Chong, Yoon Hin, Biochemistry II (i)	1958
Treloar, Francis Edward, B.Sc., Chemistry IIA	1955	Deacon, Glen Berenger, Physical and Inorganic Chemistry I	1958
Burford, Robert Royce, B.Sc., Chemistry IIB	1956	Ewers, William Hector, Zoology II (i)	1958
Burns, Erica Marian, B.Sc., Botany IIB	1956	Freitag, Ian Bernard, Geology II (i)	1958
Clark, Lesley Helen, B.Sc., Genetics IIB	1956	George, Barbara Kay, Physics II (i)	1958
Ericson, Leon Gordon, B.Sc., Physics I	1956	Levy, Judith Anne Winstanley, Genetics II (i)	1958
Fitzgerald, Anne Marie, B.Sc., Zoology IIB	1956	McGowran, Brian, Geology I	1958
Gemmell, Donald Stewart, B.Sc., Physics I	1956	Matthew, Evelyn Maime, Physics II (ii)	1958
Gooden, John Ernest Alfred, B.Sc., Chemistry I	1956	Moritz, Alan Gilbert, Organic Chemistry I	1958
Gould, Joseph Gordon, B.Sc., Biochemistry IIA	1956	Napier, Ian Murray, Organic Chemistry II (i)	1958
Joseph, Hapuarachige Don Austin Carlo, Geology IIB	1956	O'Connor, Maxwell James, Physical and Inorganic Chemistry I	1958
Kohlhagen, Myra Audrey, B.Sc., Physics I	1956	Ollino, Richard, Physics II (ii)	1958
LePage, Rex Newbury, B.Sc., Genetics IIA	1956	Peter, Beth Ellen, Physical and Inorganic Chemistry I	1958
Lowke, John James, B.Sc., Physics I	1956	Porra, Robert John, Biochemistry II (ii)	1958
		Price, Trafford Conor, Physics II (ii)	1958
		Roper, Robert George, Physics II (i)	1958
		Russell, Ronald Thomas, Geology I	1958
		Schubert, Cedric Felix, Mathematics I	1958
		Stanbury, Peter John Terence Cathcart, Zoology II (i)	1958
		Von der Borch, Christopher Carl, Geology II (i)	1958
		Wilson, Ian Stewart, Zoology II (i)	1958

HONOURS DEGREE OF BACHELOR OF ENGINEERING

For previous Lists, see Calendars from 1956.

Brooks, Brian John, Mechanical I	1951	Rose, Gordon Albert, Electrical I	1952
Kleeman, Peter Wallace, Civil I	1951	Broadbent, Henry Neil Gribble, B.E., Electrical II	1953
Poole, Richard John, Electrical I	1951	De Cean, Neil, B.E., Electrical I	1953
Bails, John Herbert, Mechanical I	1952	Griffin, Donald Ward, B.E., Electrical I	1953
Dyer, James Ross, Mechanical I	1952	Murray, Noel William, B.E., Civil I	1953
Hooker, Robert John, Mechanical I	1952		

Rice, William Mitton, Electrical I - -	1953	Matthew, Ian George, B.Sc., Metallurgical and Chemical I - - -	1956
Ross, Sydney George Frederick, B.E., Electrical II - - -	1953	Parbo, Arvi Hillar, Mining I - - -	1956
Hamdorf, Clifton John, B.E., Metallurgical and Chemical I - - -	1954	Possingham, Maxwell Leonard, Electrical I - - -	1956
Hayward, John, B.E., Electrical I - -	1954	Richards, Brian Gordon, Civil I - -	1956
Janardhan, Narienkadu Mohanarunga, Electrical II - - -	1954	Smith, Roger, Electrical I - - -	1956
Opie, Alan James, B.E., Metallurgical and Chemical II - - -	1954	Staker, Robert, Metallurgical and Chemical I - - -	1956
Broadfoot, Kenneth Davidson, B.E., Electrical II - - -	1955	Wadsworth, Bernard Francis Peter, Electrical II - - -	1956
Brown, Richard Archibald, B.E., Mechanical I - - -	1955	Wollaston, Terence Cornthwaite, Electrical I - - -	1956
Fowler, James Henry, B.E., Mechanical II - - -	1955	Beltrame, Gino Ernest, Mechanical II -	1957
Palmer, Raymond Amos, B.E., Mining I	1955	Bowyer, Donald Albert, Mechanical II	1957
Rodger, John Geoffrey, B.E. Electrical II - - -	1955	Butcher, Ian Robert, Electrical I - -	1957
Amey, Douglas John, Civil II - - -	1956	Edwards, Graham William, Mechanical II	1957
Assumpcao, Henrique Antonio d', Electrical I - - -	1956	Goodale, Peter Lewis, Mechanical I -	1957
Bogner, Robert Eugene, Electrical II -	1956	Green, Harry Edward, Electrical I -	1957
Bosher, Peter Abel, B.E., Civil II - -	1956	Henderson, Ronald George, Electrical I	1957
Breynard, Keith Beaumont, Electrical II	1956	Kwok, Hae Leong, Civil I - - -	1957
Chase, Brian Collison, Electrical I - -	1956	Lim, Kwang Hua, Electrical I - - -	1957
Craker, John Melville, B.Sc., Metallurgical and Chemical I - - -	1956	Liu, Hua-an, Civil II - - -	1957
Kaasoi, Prachup, Mining II - - -	1956	Mercer, Donald James, Mechanical I -	1957
Kusalaas, Jaan, Civil II - - -	1956	Nolte, Bryan Trevor, Electrical II -	1957
Luxton, Russell Estcourt, Mechanical II	1956	Robinson, John Walton, Electrical I -	1957
		Tolmie, Ronald Philip, Electrical II -	1957
		Waechter, Raymond Trevor, Electrical II	1957
		Westley, John French Hebbard, Mining I	1957
		Billingshurst, Onslow Chestle, Civil I -	1958
		Gray, Neil Boon, Metallurgical and Chemical I - - -	1958
		Reisonas, Irvis John, Civil II - - -	1958

HONOURS DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

For previous Lists, see Calendar for 1958.

Humphris, Francis Ross, B.Ag.Sc. II -	1946	Oram, Rex Neville, B.Ag.Sc. IIA - -	1954
Carter, Edward Diment, B.Ag.Sc. I -	1950	Jeevaratnam, Appapillai Jacob, IIA -	1955
Mayo, George Melrose Elton, B.Ag.Sc. I	1950	Michael, Peter William, B.Ag.Sc. IIA -	1955
Kleinig, Cyril Raymond, B.Ag.Sc. I -	1951	Buttrose, Mark Sinclair, B.Ag.Sc. I -	1957
Symon, David Eric, B.Ag.Sc. I - -	1951	Sedgley, Ralph Harold, B.Ag.Sc. IIA -	1957
Carter, Maurice Vernon, B.Ag.Sc. IIA	1952	Shepherd, Kenneth William, B.Ag.Sc. I	1957
Possingham, John Victor, B.Ag.Sc. IIA	1952	Birks, Peter Roland, Entomology II (ii)	1958
Hayman, David Lindsay, Genetics I -	1953	Hawkins, Henry Stuart, Agronomy II (ii)	1958
Brownell, Peter Ferguson, B.Ag.Sc. IIA	1954	Van Velsen, Reuben John, Plant Pathology II (i) - - -	1958
Davidson, James Logie, B.Ag.Sc. IIA -	1954		

HONOURS DEGREE OF BACHELOR OF LAWS

Wynes, William Anstey, LL.B. - - -	1931	Hunter, Brian Oswald, LL.B. - - -	1935
Bray, John Jefferson, LL.B. - - -	1933	Zelling, Howard Edgar, LL.B. - - -	1941
Hogarth, David Stirling, LL.B. - - -	1935		

LIST OF STUDENTS WHO HAVE OBTAINED THE FINAL CERTIFICATE IN LAW

Abbott, Charles Anthony Lempriere -	1946	Collins, Dean Francis - - -	1947
Abbott, Herbert Lewis - - -	1933	Collison, Frank Lloyd - - -	1926
Adcock, John Bartlett - - -	1931	Colquhoun, Colin Roy - - -	1928
Alderman, Henry Graham - - -	1917	Coventry, Charles James - - -	1911
Alderman, John Kevin - - -	1938	Cresswell, George Edwin - - -	1929
Alderman, John Robinson - - -	1950	Cutlack, Peter Robert - - -	1926
Andrews, Walter Frederick - - -	1888	Daly, Kevin Joseph - - -	1943
Ashton, Edward James Wilberforce -	1896	Davenport, Arthur Vernon - - -	1916
Ashton, Thomas Edward - - -	1941	Davey, John Ryan - - -	1938
Astley, Michael John - - -	1950	Davey, Robert Shannon - - -	1915
Atkinson, Alfred Harris Owst - - -	1900	Davies, Cecil Ernest - - -	1928
Badger, Magnus - - -	1918	Davis, Raymond William - - -	1934
Bakewell, William Kenneth - - -	1908	Davison, John Hubert Hawdon - - -	1908
Beerworth, William Carl - - -	1932	Davoren, Michael Dominic - - -	1940
Bennett, Henry Trevor - - -	1949	Davoren, Thomas Anthonay Francis -	1937
Berry, George Augustus - - -	1887	Dawe, Reginald Stanley - - -	1936
Boucaut, Douglas le Rey - - -	1927	Denny, William Joseph - - -	1908
Boucaut, George Hiles - - -	1906	Dow, Ian Baird - - -	1949
Boucaut, Ian Penn - - -	1930	Driffeld, George Carus - - -	1889
Brebner, Charles Ross - - -	1953	Durston, Sidney Bridle - - -	1889
Bright, William Stuart - - -	1904	Edmunds, Keith Stacey - - -	1937
Buttrose, Murray - - -	1927	English, John Arthur - - -	1952
Carne, Alfred George - - -	1931	Ferdinandy, Laszlo - - -	1958
Cheek, Reginald Heithersay - - -	1921	Fischer, Robert John - - -	1949
Ciberas, Stasys - - -	1956	Fisher, Francis Robert - - -	1949
Claridge, Philip James - - -	1947	Fisher, Guy - - -	1920
Clark, John Osborne - - -	1935	Fleming, Stanley Hugh - - -	1902
Clarke, Laurence Eric - - -	1920	Fletcher, John Weld - - -	1940
Cleland, Peter Fullerton - - -	1939	Foster, Henry Edgar - - -	1889
Cleland, Thomas Erskine - - -	1919	Fox, John Henry - - -	1895
Cocks, Arthur Wellesley - - -	1936	Fricker, Malcolm Swanson - - -	1956

Gelston, Hedley Ringrose	- - -	1914	Michell, George Wilfrid	- - -	1920
Genders, Alexander Forbes	- - -	1949	Michell, John Elsome	- - -	1923
Genders, Alexander Forbes	- - -	1950	Millhouse, Vivian Rhodes	- - -	1925
Gibson, Reginald Mends	- - -	1923	Mills, Elliott Whitfield	- - -	1940
Gifford, Alfred Silva Harrill	- - -	1919	Mollison, Thomas	- - -	1928
Giles, Acland	- - -	1905	Morris, Gronwy Lewis	- - -	1932
Gillman, Joseph Fisher	- - -	1921	Muirhead, Henry Mortimer	- - -	1909
Goldsworthy, Napier Lytton	- - -	1949	Mutton, Carlyle Herbert	- - -	1938
Goldsworthy, Spencer Gordon	- - -	1916	Napier, Robert Mellis	- - -	1936
Goldsworthy, William Beazley	- - -	1903	Nesbit, Hubert Gordon Pariss	- - -	1915
Goode, David Russell	- - -	1949	Nesbit, Lancelot Julian	- - -	1925
Goode, Evan Anderson	- - -	1926	Nesbit, Reginald George	- - -	1900
Gordon, Leslie Kenneth	- - -	1947	Newman, Douglas Ralph	- - -	1949
Grubb, Roy William	- - -	1949	Newman, Ralph Frederic	- - -	1921
Gun, Clement Townsend	- - -	1920	Nicholls, Theodore Henry	- - -	1900
Gun, John Townsend	- - -	1953	Nickolls, Peter Michael	- - -	1952
Gun, Lloyd Townsend	- - -	1949	Nitschke, Galva Dennis	- - -	1954
Gwynne, Ilsted Gordon	- - -	1891	Nuske, Sydney Gordon	- - -	1954
Hague, Percy	- - -	1897	Odum, Reginald Lance	- - -	1937
Hall, Robert Fishburn	- - -	1936	O'Grady, Francis Ignatius	- - -	1939
Harders, Clarence Waldemar	- - -	1943	Owen, William Frederick	- - -	1906
Hardy, John Scott	- - -	1926	Pavy, Emily Dorothea, B.A.	- - -	1928
Harford, Basil Beverley	- - -	1928	Pavy, Gordon Augustus	- - -	1924
Hargrave, Charles Townshend	- - -	1904	Pearce, Peter Sydney	- - -	1956
Hargrave, Joshua Addison	- - -	1890	Pearson, Charles Mason	- - -	1917
Hargrave, Lancelot Morton Spiller	- - -	1921	Penny, Bertram Stephens	- - -	1908
Harry, Richard Varley	- - -	1937	Penny, Clifton Raymond	- - -	1893
Hay, Frederick Dean	- - -	1934	Philcox, Claude Joseph Owen	- - -	1929
Hayward, Cedric Charlie	- - -	1923	Povey, Edward	- - -	1916
Healy, Kevin John Bernard	- - -	1915	Power, Louis Bertrand	- - -	1937
Heseltine, Samuel Richard	- - -	1903	Puddy, Albert Forwood	- - -	1934
Heuzenroeder, Rudolph Hermann	- - -	1913	Pyne, William Ewart	- - -	1915
Heuzenroeder, William Ritter	- - -	1929	Rankin, Henry Oliver Arthur	- - -	1912
Hill, Henry Richard	- - -	1887	Reed, Douglas	- - -	1940
Hilton, Keith Denyer	- - -	1947	Reeves, Charles Wheatley	- - -	1924
Hodby, Herbert Charles	- - -	1922	Regan, James William	- - -	1913
Holland, George Harold	- - -	1920	Reid, Walter Gliddon	- - -	1900
Holland, William Corin	- - -	1909	Reilly, Matthew Leonard	- - -	1939
Homburg, Hermann	- - -	1896	Roberts, Donald Arthur	- - -	1912
Homburg, John Hamilton	- - -	1939	Rollison, Gerald Dominic	- - -	1927
Homburg, Renolf	- - -	1929	Rollison, William Alexander	- - -	1915
Homburg, Robert	- - -	1897	Ronald, Stewart Douglas	- - -	1910
Humby, Rexton James	- - -	1943	Rutter, George Lyall	- - -	1920
Hunt, William Robert	- - -	1919	Rymill, Arthur Campbell	- - -	1928
Hutchison, Charles Vernon Stuart	- - -	1937	Sampson, Joyce Holman	- - -	1952
Innis, Kenneth Norman	- - -	1925	Sanderson, Kenneth Francis Villiers	- - -	1918
Jacobs, Samuel Joshua	- - -	1946	Shepherd, Scoresby Arthur	- - -	1957
James, Alfred Charles	- - -	1899	Shepherd, Joseph Scoresby	- - -	1899
Jessup, George Aubrey	- - -	1933	Smith, Frank Seymour	- - -	1914
Johnson, James Howard	- - -	1900	Smith, Francis Villeneuve	- - -	1906
Johnston, Laurence Frederick John	- - -	1931	Smith, Paul Teesdale	- - -	1920
Jordan, David Wallace	- - -	1949	Solomon, Helen Ethel	- - -	1933
Joyner, Frederick Allen	- - -	1885	Solomons, Phillip Roland Nathan	- - -	1939
Kearney, Beasley James William	- - -	1925	Somerville, Archibald John	- - -	1952
Keats, Frederick Phillips	- - -	1909	Sparrow, Cyril Keith	- - -	1921
Kennedy, Donald Angus	- - -	1904	Stockdale, William John	- - -	1889
Kerin, William Francis	- - -	1944	Stokes, Robert Francis	- - -	1938
Kinnane, Alexander John	- - -	1935	Sutherland, Allan James Lavis	- - -	1919
Kirkman, Kenneth Hainsworth	- - -	1918	Swan, William Alfred	- - -	1948
Lake, Clement William Hingston	- - -	1907	Sweeney, John Grant	- - -	1915
Leslie, John	- - -	1922	Sykes, Howard de Pledge	- - -	1936
Lewis, Stanley Heathcote	- - -	1927	Tapley, Willis Wayte	- - -	1909
Little, Egbert Percy Graham	- - -	1898	Treloar, James Leonard Sydney	- - -	1923
McCann, William Francis James	- - -	1925	Tuckor, Reginald Mervyn	- - -	1915
McCarthy, James Crimeen Ellery	- - -	1925	Vandenbergh, William John	- - -	1896
McCarthy, Neil Douglas	- - -	1955	Von Bertouch, Leopold	- - -	1920
McEntee, Kevin Vincent	- - -	1931	Von Doussa, Stanley Bowman	- - -	1901
McEwin, George	- - -	1897	Von Doussa, William Louis	- - -	1924
McGee, Edward Patrick	- - -	1933	Wald, Irvine Dale	- - -	1923
McGee, John	- - -	1916	Wallace, Norman Verschuer	- - -	1920
Mackay, Alan Justin	- - -	1936	Ward, Henry Torrens	- - -	1900
Mackenzie, Charles Norman	- - -	1909	Warren, Sydney John	- - -	1911
McLachlan, Alexander John	- - -	1894	Weaver, Alfred Charles	- - -	1903
McLachlan, Ian	- - -	1932	Webb, Beecher Noel	- - -	1930
McLeay, Marshall John	- - -	1927	Whimpress, Thomas Abraham	- - -	1934
Magarey, Ashley Henderson	- - -	1932	Williams, Dudley Charles Call	- - -	1946
Marshall, John	- - -	1951	Williamson, James Aubrey	- - -	1925
Martin, Hugh Wallis	- - -	1920	Winnall, John Edward Hyde	- - -	1893
Mathews, Llandaff Brisbane	- - -	1924	Worth, Frank Lindsey	- - -	1932
Matison, Victor Charles	- - -	1945	Wright, Charles Joseph Harvey	- - -	1888
Matulich, Ross Noel	- - -	1949	Wright, Sydney Charles Grenville	- - -	1923
Mellor, James Corry	- - -	1949	Yelland, Dene Sturt	- - -	1930
Mellor, Thomas Reginald	- - -	1915	Young, Martin	- - -	1933
Menzies, Stewart Keith	- - -	1937	Zeising, George Ignatius	- - -	1919

ASSOCIATES IN MUSIC

Adamson, Marjorie Dorothea	- - - -	1925	Gray, Marylouise	- - - -	1957
Adamson, Myrtle Gwendoline	- - - -	1918	Griffiths, George Townsend	- - - -	1914
Alexander, Mary Vera	- - - -	1917	Griggs, Arden Michael	- - - -	1957
Allgrove, Beatrice Jane	- - - -	1951	Groth, Fred	- - - -	1929
Anderson, Jean	- - - -	1936	Grosser, Eileen May	- - - -	1924
Andrew, Una Lois	- - - -	1915	Gunning, Shelley Anne Stannus	- - - -	1958
Ashton, Kathleen Anne	- - - -	1935	Hakendorf, Carmel Mary	- - - -	1947
Attiwell, Edna Marie	- - - -	1918	Haese, Beth Theodora	- - - -	1940
Badenoch, Constance Mary	- - - -	1921	Hales, Malcolm Roy	- - - -	1948
Bampton, Alfred John	- - - -	1915	Hancock, Mary Frewin	- - - -	1928
Barbour, Dorothy Jean	- - - -	1928	Hantke, Ethel Hilda Hedwig	- - - -	1902
Barnden, Vina Melba	- - - -	1933	Harvey, Faith Fairbank	- - - -	1943
Barry, Margaret Mary	- - - -	1927	Heck, Judith Anne	- - - -	1958
Basedow, Ivy Marie	- - - -	1912	Henry, Gladys Amy Thelma	- - - -	1926
Bates, Edgar Clarence	- - - -	1929	Hine, Clytie May	- - - -	1908
Baulderstone, Clarice Moore	- - - -	1923	Hoche, Edith	- - - -	1908
Bettcher, Lila Margaret	- - - -	1955	Hogon, Eileen Margaret	- - - -	1917
Bice, Brenda Mae	- - - -	1957	Holder, Alison Joyce	- - - -	1938
Black, Edward William	- - - -	1923	Holman, Frank Reginald	- - - -	1919
Booth, Jean Marie	- - - -	1941	Holmes, Patricia Langley	- - - -	1948
Bowen, Gordon Melville	- - - -	1935	Hooker, George	- - - -	1945
Brand, Marguerite Mary	- - - -	1958	Horgan, Lillian Veronica	- - - -	1936
Brindal, Ellen Grace	- - - -	1922	Hounsell, Marjorie Nora Drew	- - - -	1938
Brooks, Doreen Mavis	- - - -	1940	Howard, Winnifred Jean	- - - -	1917
Brooks, Merle Olive	- - - -	1942	Hurn, Mavis Lacey	- - - -	1926
Brown, Kathleen Mary	- - - -	1917	Hyde, Miriam Beatrice	- - - -	1928
Bruggeman, Martha Dorothy	- - - -	1904	Ingham, Myrtle Lavinia	- - - -	1916
Burnard, David Alexander	- - - -	1925	Jacobs, Doreen Miriam	- - - -	1938
Byrne, Mary Teresa	- - - -	1927	James, Doris	- - - -	1912
Cadd, Hartley Blair Hogarth	- - - -	1951	James, Vida Margretta	- - - -	1917
Carmichael, Doris Darby	- - - -	1923	Jones, Lewis La Vence	- - - -	1919
Catt, Shirley Pearson Clifford	- - - -	1938	Joyce, Kate	- - - -	1904
Chapman, John Pearce	- - - -	1958	Keen, Lilian Guard	- - - -	1920
Chappel, Phyllis Harvey	- - - -	1924	Kemp, Francis Joseph Edmund	- - - -	1928
Check, Alan Carvosso	- - - -	1929	Kemp, Marion Kirkwood	- - - -	1903
Check, Muriel Elizabeth	- - - -	1900	King, Margaret Jessica Esme	- - - -	1956
Cicento, Gladys Muriel West	- - - -	1913	Kinmont, Rosamond	- - - -	1924
Cockburn, Julia Evelyn	- - - -	1930	Klose, Patricia Mary	- - - -	1950
Coleman, Rosemary Ann	- - - -	1955	Kneebone, Joan Adelaide Cavell	- - - -	1938
Collins, Ella Mary	- - - -	1916	Knowling, Gwenda	- - - -	1952
Collins, Yensie Margaret	- - - -	1937	Kollosche, Samuel	- - - -	1910
Commune, Teresa Audrey	- - - -	1938	Langford, Joan	- - - -	1952
Coonan, Mary Madeline	- - - -	1955	Lawton, Josephine Margaret	- - - -	1956
Coonan, Rita Norlean	- - - -	1919	Lee, Marjorie Freda	- - - -	1926
Combe, Hurtle Harold	- - - -	1912	Leonard, Mary Joselyn	- - - -	1956
Counter, Beryl Cole	- - - -	1924	Lindh, Carlene Margaret	- - - -	1959
Cozens, Vida Victoria	- - - -	1928	Litchfield, Jean Rainsbury	- - - -	1926
Craig, Margaret Heather	- - - -	1955	Lodge, Elizabeth Florence Cranston	- - - -	1953
Crampton, Daisy Myrtle	- - - -	1945	Luxton, Jean Estcourt	- - - -	1952
Cresswell, Muriel Blanche Lillecrapp	- - - -	1925	McDermid, Neil Harvey	- - - -	1958
Cronin, Alice Elsie	- - - -	1937	McGrath, Constance Cecily	- - - -	1926
Curry, Shirley-Anne	- - - -	1955	McGregor, Dorothy Mary	- - - -	1930
Daenke, Dorothy Lucy	- - - -	1929	McKinnon, Clara Elizabeth	- - - -	1942
Davy, Rubia Claudia Emily	- - - -	1903	McLaughlin, Eric Enstone	- - - -	1926
d'Arcy-Irvine, Alice Bond	- - - -	1913	McMahon, Mary Carmel	- - - -	1955
Day, Florence Muriel	- - - -	1913	Macpherson, Margaret Webster	- - - -	1957
Dick, Pauline May	- - - -	1950	Mallon, Alice Mary	- - - -	1923
Dix, Jessica Laura	- - - -	1928	Manning, Hilda Mahala	- - - -	1902
Edwards, Herbert Percival	- - - -	1922	Marker, Lois Beatrice	- - - -	1951
Ekers, Theodora Allman	- - - -	1930	Marrett, Hannah Olive	- - - -	1926
Evans, Bert	- - - -	1913	Martin, Thelma Dorothy	- - - -	1917
Ewing, Violet Emily	- - - -	1958	Matters, Arnold Hatherleigh	- - - -	1926
Ey, Kathleen Elsie	- - - -	1938	Mayfield, Vera Selina Gwendoline	- - - -	1927
Finch, Laura Evelyn	- - - -	1932	Mears, Kathleen Devenish	- - - -	1955
Fisher, Helena Catherine	- - - -	1924	Meegan, Alice	- - - -	1922
Flaherty, Annie Josephine	- - - -	1907	Meegan, Kathleen Mary	- - - -	1917
Foale, Harold Robert	- - - -	1925	Merchant, David John	- - - -	1952
Francis, Bessie	- - - -	1925	Mewkill, Paula Mary	- - - -	1915
Francis, Violet Leone	- - - -	1929	Mills, Gene Louise	- - - -	1950
Freeman, Ivy Gwendolen McLeod	- - - -	1931	Mitchell, Elizabeth Anne	- - - -	1956
Gallasch, David Russel	- - - -	1957	Morley, Evelyn Mabel	- - - -	1925
Gard, Harold John	- - - -	1918	Morton, Mary Ruth	- - - -	1931
Gehling, Ronda Beryl	- - - -	1940	Murray, Joan	- - - -	1954
Gersch, Paul Johannis	- - - -	1954	Narroway, Peter Kingsford	- - - -	1951
Geyer, Clem August	- - - -	1922	Naylor, Ruth Winnifred	- - - -	1924
Giles, Allan Leonard	- - - -	1949	Norman, Jean Margaret	- - - -	1928
Gill, Hilda Beatrice	- - - -	1916	Oldham, Dorothy	- - - -	1914
Gillespie, Jean Katharin	- - - -	1937	Paddon, Una Margery	- - - -	1920
Glatz, Laurina Ruby	- - - -	1929	Paley, Clifford Arnold, B.A.	- - - -	1941
Gmeiner, Clarice Haidee Beatrice	- - - -	1924	Palmer, Ethel Rose	- - - -	1918
Goss, Lucy Vera	- - - -	1909	Palmer, Judith Anne	- - - -	1955
Goyder, Patricia	- - - -	1937	Parham, Marlene Marie	- - - -	1955
Gray, Lorna Dorothy	- - - -	1950	Parkinson, Charlotte Ethel Violet	- - - -	1901
			Pascoe, Philippa Mary	- - - -	1947

Pearson, Kathleen Crawford	- - - -	1923	Stoneman, Doreen	- - - -	1921
Penalurick, Lola	- - - -	1921	Stoneman, Olivia Charlotte	- - - -	1930
Penrose, Alva Ivo	- - - -	1924	Summers, Phyllis Harvey	- - - -	1930
Perkins, Horace James	- - - -	1926	Swincer, Patty	- - - -	1948
Perkins, Marie Pauline	- - - -	1948	Taylor, Gladys Leslie	- - - -	1908
Perry, Margaret Fay	- - - -	1950	Taylor, Jean Rosabelle	- - - -	1926
Phipps, Charlotte Lucy	Barkwell	1905	Thomas, Sylvia Caroline Curtis	- - - -	1921
Porter, James Lincoln	- - - -	1957	Thrush, Annie Vera	- - - -	1915
Prince, Jean Florence	- - - -	1921	Tidemann, Ernest Phillips	- - - -	1927
Prince, Muriel Marjory	- - - -	1923	Tonkin, Phyllis Anna	- - - -	1923
Puddy, Betty Froome	- - - -	1931	Tosolini, Palmira Rose	- - - -	1951
Puddy, Maude Mary	- - - -	1900	Treloar, Fay	- - - -	1957
Pyne, Tryphena Grace	- - - -	1918	Trenerry, Thora	- - - -	1944
Reimann, Hilda Marie	- - - -	1912	Tuck, Joyce Edith	- - - -	1940
Reimann, Leta Edith	- - - -	1932	Tuck, Vivien Margaret	- - - -	1941
Renou, Jean Lois	- - - -	1923	Tunks, Flora Marion	- - - -	1931
Riedel, Melita Wanda	- - - -	1918	Vardon, Daisy	- - - -	1914
Roach, Mary Moyle	- - - -	1910	Verco, Alison Martha	- - - -	1950
Roberts, Winifred Sophie	- - - -	1911	Verco, Gladys Kathleen	- - - -	1928
Robinson, Mary Patricia	- - - -	1935	Vick, Lloyd Winston	- - - -	1937
Rofe, Joyce Newton	- - - -	1933	Virgo, Jean Ysobel	- - - -	1934
Rowe, Elsie Maud	- - - -	1919	Virgo, Violet Myra	- - - -	1919
Rowe, Florence Nellie	- - - -	1914	Wall, Myrtle Trilby	- - - -	1917
Rudemann, Elsa Wilhelmine	- - - -	1903	Wallmann, Beatrice May	- - - -	1909
Sansom, Joyce Mary	- - - -	1940	Walsh, Lillian May	- - - -	1926
Sara, Lily Emmaline	- - - -	1916	Warnecke, Mary Isabel	- - - -	1954
Sayers, Alice Mabel	- - - -	1901	Watts, Mollie Louisa	- - - -	1930
Scammell, Ethelwyn	- - - -	1910	Webb, Irene Margaret Thomson	- - - -	1926
Schramm, Kathryn	- - - -	1954	Whillas, Helen May	- - - -	1901
Searle, Hartley Malcolm, B.A., B.Sc.	- - - -	1939	White, Elizabeth Alice	- - - -	1953
Shapley, Dorothy Alice	- - - -	1939	Whittington, Clytie Myrtle	- - - -	1917
Shepherd, Beatrice Joan	- - - -	1935	Whittington, Sylvia Muriel	- - - -	1911
Shipway, Margaret Elizabeth	- - - -	1953	Wibberley, Brian	- - - -	1908
Short, John Thomas Gordon	- - - -	1907	Wiebusch, Adele Maria Dorothea	- - - -	1924
Simcock, Hilda May	- - - -	1917	Williams, Hartley	- - - -	1929
Sinclair, Jean Lily	- - - -	1924	Williams, John Alexander	- - - -	1925
Slee, John Stevens	- - - -	1952	Williams, Mervyn Ewart Lancelot	- - - -	1924
Smith, Imelda Catherine	- - - -	1930	Williamson, Arthur Burton	- - - -	1908
Smith, Margaret Joan	- - - -	1950	Wollaston, Margaret Thirmer	- - - -	1941
Solomon, Betty	- - - -	1930	Wordie, Ada Winifred	- - - -	1918
Spehr, Francesca	- - - -	1901	Zeven, Aila	- - - -	1922
Spriggs, Harriet Rosetta	- - - -	1919			

LIST OF STUDENTS WHO HAVE OBTAINED THE ADVANCED COMMERCIAL CERTIFICATE

Coffey, William James	- - - -	1904	Muir, Thomas Grieve	- - - -	1904
Donnelly, Albert Laurence	- - - -	1905	Robertson, John George	- - - -	1906
Kleeman, Theodore Richard	- - - -	1906	Russack, Friedrich Wilhelm	- - - -	1907
McMichael, Clunie Brice	- - - -	1904	Threadgold, Stanley Garfield	- - - -	1907

ASSOCIATES IN COMMERCE

Abbott, John Raymond	- - - -	1950	Bailey, Vanda Dorothy	- - - -	1928
Abbott, Norman Frank	- - - -	1930	Balchin, Irene May	- - - -	1924
Adams, Harry	- - - -	1931	Balchin, Leonard Jack	- - - -	1935
Adams, Helen Jean	- - - -	1929	Baldock, Gordon Herbert	- - - -	1948
Adams, John Clifford, B.Ec.	- - - -	1949	Bammann, Cuthbert Harvey	- - - -	1938
Adamson, Alfred Victor	- - - -	1926	Bampton, John	- - - -	1927
Adamson, Harold Stanley	- - - -	1921	Barclay, William John	- - - -	1950
Addicoat, Bryan John	- - - -	1947	Barlow, Cecil William	- - - -	1939
Ahrens, Frank Leo	- - - -	1945	Barlow, Leslie Harris	- - - -	1928
Aitchison, Donald Leslie Judson	- - - -	1939	Barnes, Ronald David, B.Ec.	- - - -	1948
Alderman, John Robinson	- - - -	1937	Barrett, Jean Miriam	- - - -	1930
Alldritt, Donald Thomas	- - - -	1951	Barter, Francis Charles	- - - -	1928
Allen, Jack	- - - -	1937	Barter, Jack Lampier	- - - -	1930
Allingame, George William Davis	- - - -	1935	Barton, Jessie Charlotte	- - - -	1929
Andersen, Clifford Werlin	- - - -	1927	Basedow, Bernhard Frederick	- - - -	1948
Anderson, John Donald	- - - -	1948	Bathgate, John Pender	- - - -	1916
Anderson, Murray James	- - - -	1955	Batt, Henry Richard Devon	- - - -	1935
Anderson, Reginald Hamp	- - - -	1910	Battye, George Harry	- - - -	1924
Angel, Norman Sidney	- - - -	1930	Battye, Ross	- - - -	1920
Angel, Ronald Frank	- - - -	1930	Baulderstone, Donald	- - - -	1935
Annells, Herbert Edward	- - - -	1908	Baxter, Donald Bruce	- - - -	1950
Annells, Robert Harvey	- - - -	1939	Bayly, Edward Benjamin	- - - -	1910
Arbon, Jack Fulton	- - - -	1953	Bayly, Ernest Edward	- - - -	1924
Arndt, Max Raymond	- - - -	1956	Bayly, George Lancelot	- - - -	1929
Arnold, Raymond Borman	- - - -	1949	Bayly, Jack Harold Fellowes	- - - -	1931
Arthur, Maude Jessie	- - - -	1934	Bayly, William Lawes	- - - -	1918
Ashby, William Maxwell	- - - -	1943	Beaney, Henry Finlay	- - - -	1928
Ashton, Alec James	- - - -	1935	Beauchamp, Shirley Frances	- - - -	1949
Atkinson, Verdon Robert	- - - -	1936	Belcher, Milton Judson	- - - -	1928
Austin, Brian Wilson	- - - -	1954	Belfer, Jacob	- - - -	1944
Ayers, Margaret Jean	- - - -	1937	Bennie, John Smith	- - - -	1938
Bailey, Arthur Norris	- - - -	1924	Berck, Lionel Neil	- - - -	1945

Berriman, Alfred Andrew	1923	Combe, Bernard Milo	1948
Berry, Leslie Robjohns	1937	Compton, Joyce Oliver	1945
Besley, Lillian Ray	1935	Connelly, Joseph Kevin	1938
Bice, Norman Percival	1950	Connelly, William Francis	1947
Bice, Roy George	1953	Cook, Bruce Filmer	1955
Biddell, Douglas Gordon	1957	Coombe, Albert	1937
Biddle, John Parr Harding	1925	Cooper, Ashley Anthony Richard	1927
Biggs, James Marshall	1925	Coote, Robert Glenn	1955
Blackwell, Hazel Annie	1931	Cotton, Robert Harold	1908
Blair, James Beaton	1925	Cottrell, Francis Allan	1937
Blair, Ruth Margaret	1940	Cottrell, John Ledsam	1920
Blanch, Clement Edward	1949	Coulthard, Clyde Ronald	1937
Bleckley, Graham William	1952	Coward, Ivan Fernley	1930
Bloomfield, Jack Lee	1939	Coward, Robert Malcolm	1930
Boehm, Ernst Arthur	1945	Cowell, Davis Francis	1939
Born, Frank Ford Harker	1928	Cox, Charles Wylde	1932
Bowden, Harry Frederick	1934	Cox, Cyril Hewitt	1928
Bowen, Arthur Geoffrey	1933	Craig, Ida Vera	1924
Bower, Richard David	1940	Crane, Greta Ruby	1927
Bowes, Lindsay Burton	1947	Creswell, John	1919
Bowler, Brian John	1954	Crump, Hedley Lawrence	1949
Bowness, Alexander	1928	Curtis, Lawrance Gordon	1949
Braddock, Dudley Warwick	1938	Dahlenburg, Hurtle Henry	1952
Braddock, Lyall Arthur	1931	Dahlenberg, Robert Louis	1953
Brady, Thomas Francis	1921	Daley, Vyvyan Lancelot	1928
Bramwell, Horace Gordon	1932	Dalton, Victor Ernest	1923
Brandwood, Marie Earlstoun	1944	Daniel, Claude Alfred Vaughan	1921
Branson, Colin William	1949	Daulby, Herbert Stanley	1936
Branson, Kenneth George	1947	Davey, John Vernon	1953
Braunthal, Norman Frank	1928	Davey, Richard Howard	1950
Bray, Alan Claude	1926	Davidson, Cuthbert Hewett	1924
Bray, Bruce	1940	Davis, Agnes Mary	1936
Bray, Clifford Samuel	1908	Davis, Brian, B.Ec.	1951
Brazel, Thomas John	1926	Davis, Bruce Frederick	1938
Brewer, John Burton	1947	Davis, James Lenton	1933
Brice, Alan Herbert	1938	Davis, Noel Hewitson	1933
Brice, Malcolm Hubert	1949	Davis, Rosalie Olive	1923
Bridgland, Lionel Cedric	1932	Daw, Arthur Baden Secombe	1956
Briskham, Alexander George Herbert	1927	Dawbarn, Richard Bunbury	1930
Brock, Noel Howard	1922	Dawkins, Harry Blinman	1939
Brooks, Leonard William	1956	Dawson, David Lancelot	1926
Brooks, Sidney Rundle	1933	Day, Colin Maxwell	1936
Brown, Leonard Sawtell	1926	Day, Frank Vernon	1935
Brown, Thomas Roderick	1923	Day, Ian Mostyn	1956
Browne, Clifford Harding	1923	Day, LaVerne Frank	1955
Buckett, Claude Ernest	1940	Deane, Allan Nicholson	1939
Buckley, William Clarence	1929	Deer, Eynon John Cullimore	1954
Bulbeck, Philip Denis	1929	Denton, Samuel Bowcher	1923
Burgess, Ellis Howard	1939	Dermott, Alice May	1932
Buring, Eleanor Bette	1937	Dermott, John Edwin	1921
Burley, Arnold Robert	1939	Dewar, Peter Ferguson	1951
Burns, George Eric	1927	Dickson, Ronald Archibald	1952
Burr, Frederick Samuel	1923	Dobson, Alfred James	1909
Butler, Tom	1939	Dodd, Robert Hedley, B.A.	1947
Calder, William Cormack	1913	Donaldson, John Monfries	1941
Caldwell, Hilda Valmai	1928	Donnell, Leslie John	1939
Callaway, William Frank	1931	Dowie, Jean Phillis	1935
Cameron, Elizabeth Mary	1938	Dowling, Crosby James	1951
Cameron, Roy James	1945	Downs, Claude Edmund	1932
Campbell, Harold Duncan	1925	Downs, Donald Archibald	1938
Cane, Jack	1938	Drabsch, Leo John	1948
Cant, Leonard George	1917	Duffield, Gordon Llewellyn	1936
Cant, Rex Birdsey	1931	Duldig, Milton Edwin	1939
Carey, Gerald David	1951	Duncan, John Bayfield	1953
Carter, Alan Keith	1953	Dunn, Raymond Keith	1950
Carter, David Burleigh	1950	Dynon, William Ralph	1951
Carter, Elijah	1952	Easson, Leonard John	1932
Caust, Leslie George William	1921	Eddy, John Edwin	1934
Cavender, Frederick Richard	1940	Edson, Eileen Mavis	1930
Chambers, John Harold	1926	Edwards, Alfred John	1933
Chappie, Keith Fletcher	1934	Edwards, Colin Arthur	1930
Charles, Armande Joffre	1937	Edwards, Edgar Morton	1941
Charlick, Derek Herbert	1939	Edwards, Ernest Albert	1937
Chester, Glen Drummond	1938	Edwards, Stanley Herbert	1941
Chettle, Walter Richard	1927	Effick, Henry Birrell	1924
Chinner, Alan George	1922	Elliott, Melva Gwendolene Vivian	1931
Christison, Margaret Jean	1940	Ellis, Fred Leon	1939
Clark, Phyllis Mary	1939	Ellis, Kevin Clifford Keith	1934
Clarke, Geoffrey Thomas	1923	Emery, Garth Charles	1941
Clarke, John Harding	1953	Eriksen, Theodore Henry	1953
Cobiac, Gerald Patrick	1949	Errington, Edna Jean	1931
Cole, Geoffrey Leonard	1950	Evans, Horace Clement	1938
Collett, Keith Lancelot	1953	Evans, Ronald Dennis	1949
Collison, Keith Tidmarsh	1941	Evans, Alan Grant	1952
Colliver, Eustace James	1928		

Evens, Leonard Thomas	1930	Haydon, Colin Maurice	1951
Ewers, William David, B.A.	1943	Haynes, Stanley Gordon	1953
Ewing, William John Murchie	1952	Heairfield, Walter George	1930
Fahey, George Ambrose	1923	Healy, Francis Robert	1937
Farquhar, Donald Reginald	1929	Heinemann, John Bryce	1948
Farrell, Edward William	1949	Heitmann, Colin Richard	1950
Faull, Kevin Barton Woodfield	1950	Hendry, Campbell Alexander	1914
Favilla, Domenico Raffaele	1939	Hewett, Robert Alfred	1955
Fewell, Stanley William	1934	Hiatt, Jack Thomas	1935
Filsell, Geoffrey Holbrook	1942	Hiddle, Eugene Hayes	1953
Firth, Jack Leader	1937	Hieser, Ronald Oswald	1943
Fisher, David le Sauvage	1948	Higginbottom, Edwin John, B.Ec.	1955
Fisher, Harold Henry	1932	Higgins, Harry Coote	1920
Fitzgerald, Teresa Catherine	1931	Hill, Edward Ralph	1957
Fleming, Ralph Harry	1939	Hill, Patricia Pender	1949
Fleming, Robert Colin	1933	Hill, William Charles	1933
Flew, John William	1950	Hill, William Ross	1941
Fogarty, Stanley Patrick Joseph	1950	Hilton, Kingsley Winlo	1930
Forbes, Colin Malcolm	1952	Hirst, Ronald Robert	1935
Forbes, Wilfred Roy	1934	Hoad, Sidney Arnold	1943
Forrest, Peter Cameron	1949	Hogben, Alfred Richard	1909
Foster, Lily Dorothy	1935	Hogben, Horace Cox	1915
Foxworthy, John Henry	1923	Holland, John Neville	1955
Francis, Ainslie DeLacy	1921	Holmes, George Matheson	1955
Francis, Stanley Charles	1924	Holt, William George	1924
Fricker, Ronald Frank	1957	Holten, Dora May	1924
Fry, Arthur Henry Percival	1910	Homes, Alma Ivy Penelope	1927
Frayne, Jack Edmonston	1935	Hooper, Mervyn Perry	1926
Fricker, Lourdes Victoria	1948	Hooper, Ronald Ley	1937
Fritsch, Viola Phoebe	1951	Horrocks, Charles Edgeworth	1925
Frost, Ernest Martin	1949	Hosking, Kathleen Valerie	1953
Furze, Noel Edgar	1927	Hourigan, Lloyd David, B.Ec.	1952
Gale, Frederick Julius	1910	Howard, Cornelius James	1949
Garrett, Eric Mostyn	1934	Howard, Leonard Marie	1949
Garrod, Philip Jesse	1938	Howard, Paul Francis	1949
Gemmell, Alex Stewart	1936	Howie, Douglas Cullen	1937
Gibb, Ernest Ullathorne	1939	Howie, George Percival	1916
Gibson, Eric Ambrose	1925	Howland, Arthur Stilville	1934
Giddings, Ian Valentine	1951	Hunwick, Ernest Frederick William	1924
Giles, Kenneth Livingstone	1924	Hunwick, Leonard William, LL.B.	1939
Giles, Stephen Alan Butler	1927	Isaachsen, Eric Eduard	1936
Gill, Thomas Fergusson	1935	Isaachsen, Oscar Cedric, LL.B.	1937
Ginman, David Charles	1947	Isbell, William Foulkes	1952
Glastonbury, Oliver Albert Isaac	1929	Jackson, Harold Ernest	1939
Glenn, Ross William	1952	Jackson, Leslie Colin	1941
Gloyn, Reginald Dan	1957	James, Charles Kingsley	1918
Gluyas, Neil James	1937	Jamieson, Neil Livermore	1927
Golovsky, Israel	1921	Jaunay, Donald Robert	1949
Gordon, Colin Herbert	1941	Jeffery, Charles Frederick	1938
Gordon, Douglas Maitland	1938	Jeffery, George Henry	1933
Gosden, Robert Byron	1949	Jeffery, Roy Gordon	1940
Gramp, Sidney Douglas	1941	Jeffress, Leslie Charles	1928
Grant, Kenneth Jack	1929	Jenkinson, Keith Travers	1938
Grant, Wallace Dale	1955	Jenner, Arnold Miller	1929
Gray, Gilbert William	1923	Jennings, George	1952
Green, Lawrence Goodwin	1928	Jessup, George Aubrey	1927
Greenham, Alfred Howard	1923	John, Brian	1953
Greig, William Ronald	1929	Johns, Darby Richard	1953
Grimwade, Erica Fielding	1955	Johnson, Douglas Oswald	1949
Gubbins, Geoffrey Garfield	1953	Johnson, George Ronald	1939
Haddad, Victor	1938	Johnson, Harry Witter	1932
Hamilton, Frank Douglas	1940	Johnston, Noel Stuart	1950
Hammann, Arthur Edwin	1927	Johnston, Verner	1949
Hand, Allan	1934	Jones, Albert Stewart	1954
Hand, Milton John	1948	Jones, Brian Lewis, B.F.	1956
Hanley, Alice	1939	Jones, Elizabeth May	1926
Hann, Maxwell Keith	1938	Jones, Joyce Gertrude	1944
Hannan, Edward Graham	1947	Jones, William Henry	1952
Hannon, James	1952	Joyce, Alan Francis	1941
Harlow, James Keith	1941	Judd, Percival Richard Henry	1926
Harnden, Jack	1952	Kelly, Brian Patrick	1949
Harnett, William Edwin	1948	Kelly, Hartleigh	1933
Harper, Ronald George	1935	Kelly, Isobelle	1927
Harrell, Max Ambrose	1952	Kelsey, Jack	1932
Harris, Frank Randall	1949	Kenihan, John Dudley	1933
Harris, Norman Alexander	1934	Kennedy, Mervyn George	1932
Harris, Robert Oxenberry	1951	Kerr, Trevor Grant	1954
Harris, Ronald Firth	1939	Kesting, Ernest Arthur	1930
Harris, Russell Hope	1912	Kilgariff, Aloysius Kevin	1951
Harrison, William Frank	1908	King, John Bugler	1937
Harvey, Keith William	1952	King, Norman Reginald	1949
Harwood, Ralph Felix	1952	Kinnish, Florence Maud	1920
Haslam, Alan Francis	1935	Kirkman, David	1908
Hastwell, Robert Duncan	1950	Klisch, Josafat Marejan	1956
Hawkins, Alfred Raymond	1947		

Knight, Bernard Murray	1938	Minson, Charles Stanley	1930
Knox, Rex	1949	Mitchell, Brian John	1955
Koch, Othal Ludwig	1937	Mitchell, Bruce	1919
Kumnick, Donald Kerr	1933	Mitchell, John Turnbull	1938
Lahiff, Arthur Stanley	1951	Mitchell, Lurline Vaughan	1933
Lambert, Anthony Wilson	1945	Mitchell, Shirley Eileen	1944
Lang, James Thomas	1937	Mobsby, Edward Tompson	1940
Langcake, William Charles	1940	Moncrieff, Joan Lorimer	1925
Langsford, Leonard Graham	1948	Moore, Walter Harry	1935
Lapthorne, Cecil Lindsay John	1948	Moore, Warwick Grey	1935
Laughton, Robert Bruce	1942	Morcom, Kenneth Douglas	1940
Laver, Robert William	1940	Morphett, Michael Louis	1957
Lenton, Leslie	1916	Mortess, Eric James	1925
Letcher, William John	1934	Mould, Francis Edmund	1927
Lever, Cecil Harry	1939	Mount, Michael Jaunay	1951
Levett, Geoffrey Frederick	1950	Moyes, Cecil Clarence	1918
Lewis, Clarence George	1924	Moyes, Charles Robert	1913
Lewis, Rex Ernest	1930	Moyle, John Ewart	1917
Lillywhite, Bessie	1925	Muecke, Carl Wilhelm Ludwig	1908
Lindner, Walter Alfred	1955	Mullen, Brian Anthony	1930
Lloyd, Harold Trent	1926	Mullin, Mary Margaret	1925
Loan, William Clarence	1923	Mullins, Francis Patrick	1926
Lodge, Maurice Arnold	1929	Munro, Elizabeth Margaret	1930
Loneragan, Eric Norman	1949	Murray, Donald	1930
Loneragan, Leo Desmond	1957	Murray, Ronald George	1936
Longmire, Frank Albert	1940	Mutton, Henry Edwin Howard, M.A.	1926
Lorimer, Robert William	1922	Nairn, Donald Maxwell	1936
Loughrey, Arthur Bernard	1941	Naulty, Reginald	1937
Love, Ronald Edward Beaumont	1934	Nave, John Lionel	1929
Lowe, Kenneth Maurice	1939	Needham, George Francis Jack	1911
Lucas, Francis James	1953	Nettle, Kenneth Ralph	1948
Lucas, Ralph Mervyn	1952	Neuenkirchen, Hermann Adolph Heinrich	1912
Luxmore, John Alexander	1931	Newbold, Murray Charles Lewis	1949
Lyon, Colin Grant	1929	Newman, Kenneth Fisher	1928
Lyon, James Cobbett	1925	Nicol, Beryl Elvira	1943
McAnaney, William Patrick	1931	Oakley, Lyle Beresford	1949
McAulay, John Albert Galster	1922	O'Brien, Paul Dominic	1937
McAuliffe, Lionel Frank	1934	O'Dea, John Leonard	1950
McCarron, Philip Bernard Alphonsus	1925	Odgers, Charles Edwin	1955
McCarthy, John Anthony	1930	O'Donnell, James Richard	1941
McDonald, Dorothy Patricia	1935	O'Flaherty, Michael Sidney	1948
McEgan, Ernest William	1923	O'Flaherty, Reginald Kitchener	1937
McFarlane, Maude Evans	1928	O'Flaherty, William Edward	1951
McFarlane, Malcolm Ross	1952	O'Grady, Michael James Anthony	1950
McGarry, Donald Martin	1936	O'Grady, Oswald James	1923
McKee, Geoffrey Nolan	1935	Oliphant, Nigel Besant	1933
McKee, George Angus	1927	Oliver, Edward Bruce	1935
McKee, William Albert Kenneth	1928	Oliver, Raymond Charles	1933
McKenzie, Allan John	1933	Ophel, Ralph Burnell	1933
McLachlan, John Kingsborough	1954	Ormond, Colin William	1943
McLean, Allan William	1921	Osborne, Dennis James	1956
MacLeod, Ian Frederick Angus	1956	O'Shaughnessy, Ronald	1957
McShane, Reginald Edward	1951	Othams, Douglas Geoffrey	1954
Mack, Arthur William	1925	Padget, Dora Jane	1923
Mack, Jack Hamilton	1953	Paech, Richard Leonard	1947
Macklin, Bruce Roy	1939	Painter, Edward Websdale	1920
Macgrath, Paul Reginald	1952	Palmer, Bruce Cole	1938
Mahoney, John Joseph	1927	Paltridge, Angus Lindsay	1950
Malcolm, Kathleen	1933	Pannell, James Ridgway	1955
Marchant, Vernon Harold	1929	Parham, Geoffrey William	1954
Marrett, Lorna Liggett	1922	Park, Gilbert Maxwell	1923
Marsden, Bruce Cecil	1951	Parker, Murray Friend	1956
Marshall, Alma Kathleen	1921	Parkinson, John Haslam	1934
Martin, Colin Walter	1925	Parr, Harry Sidney	1916
Martin, Eric Joan	1923	Parr, Stanley Robert	1949
Masters, Reginald Keith	1938	Pascoe, Douglas Everett	1927
Mathews, Hugh Charles	1951	Pascoe, Ronald Francis	1936
Mathews, Reginald William	1928	Patterson, Isabel Maude Holmes	1945
Mathews, Leonard George	1934	Patterson, Robert Banks	1936
Maunder, Leonard Edward James	1926	Payne, Randolph Douglas	1948
Mead, John William, B.Ec.	1953	Pearce, Francis James	1952
Meanev, Thomas Francis	1948	Pearl, Kathleen Grace	1947
Mehrtens, Bronte	1950	Pederick, Hubert Oswald	1929
Mengerson, Norman Victor	1919	Penglase, Ronald Clyde	1954
Menkins, Frank Hermann	1908	Pentelow, Edith May	1929
Merchant, Eric George	1948	Perriam, Clifford Allan	1937
Messent, Albert Edward	1908	Perriam, Eric Charles	1939
Messent, Frank Ashby	1927	Peterson, Ronald John	1937
Middleton, Clement Roy	1951	Phelps, Winifred Annie	1925
Miller, Colin James	1957	Philcox, Claude Joseph Owen	1923
Miller, Gavin Robert	1918	Pike, Vernon Horace Charles	1937
Miller, Lyle Clark	1947	Pitcher, Ronald Samuel	1923
Mills, Edward Whitfield	1915	Pledge, Martha Phoebe	1930
Mills, Robert Neil	1951		

Polden, Donald Watkins	- - - -	1956	Smith, Kenneth Brian Innes	- - - -	1949
Pollnitz, Percy Frederick	- - - -	1935	Smith, Leslie Hamilton	- - - -	1953
Ponder, Gilbert Walter Graham	- - - -	1914	Smith, Margaret Shea	- - - -	1950
Potter, Donald Roy	- - - -	1937	Soar, Dudley Turner, B.Ec.	- - - -	1953
Potter, Frank Jacques	- - - -	1942	Soar, Harold Arnold	- - - -	1953
Potter, Wilfred Tom	- - - -	1951	Solly, Hubert Ambrose	- - - -	1918
Pounsett, John Lenton	- - - -	1949	Soper, Graham Michael	- - - -	1954
Preskett, Malcolm	- - - -	1957	Sorell, Donald George	- - - -	1945
Price, Henry Ernest	- - - -	1930	Spence, Lionel Dudley	- - - -	1948
Prior, Olive Cora	- - - -	1933	Spitz, Francis	- - - -	1954
Prosser, Ian Neville	- - - -	1955	Stalley, Douglas John, M.Ec.	- - - -	1952
Proud, Katherine Lily	- - - -	1910	Stanford, Walter Henry	- - - -	1927
Prystawski, Omelan	- - - -	1955	Stapleton, Thomas Leslie	- - - -	1943
Pulford, Vivian George	- - - -	1948	Starling, Clifford Joseph	- - - -	1947
Puttman, Robert Marsh	- - - -	1954	Steele, Robert Moore	- - - -	1908
Raffelt, Helene	- - - -	1925	Stefanskyj, Zenon	- - - -	1956
Ramsey, Alfred Maxwell	- - - -	1941	Stephenson, Ezra	- - - -	1928
Ransom, William Robert George	- - - -	1932	Stephenson, John	- - - -	1924
Raphael, Alan Ralph	- - - -	1956	Stock, Adrian Aston	- - - -	1941
Raymond, Reginald Norman	- - - -	1935	Stoner, Ross Arthur	- - - -	1953
Read, Angus Robert	- - - -	1929	Strange, Ronald Glen	- - - -	1955
Read, Howard Llewellyn	- - - -	1926	Stuart, Arthur Donald	- - - -	1926
Redman, Jessie Adelaide	- - - -	1929	Sulan, Charles	- - - -	1952
Reed, Frank Basil	- - - -	1939	Summers, David Charles	- - - -	1937
Reilly, Lawrence Joseph	- - - -	1948	Sunter, John Scott	- - - -	1936
Reynolds, Ernest Joseph Walter	- - - -	1925	Swan, John Gordon	- - - -	1948
Rhodes, Ronald Sydney	- - - -	1927	Swanson, Alexander	- - - -	1929
Richards, Kenwyn Howard	- - - -	1937	Swanson, James Baikie	- - - -	1948
Richardson, Jack Avon	- - - -	1928	Sweeney, James	- - - -	1935
Riches, Robert Wilfred	- - - -	1932	Talbot, John Saxton	- - - -	1940
Ridgway, Frank Reginald	- - - -	1938	Tassie, Eric Harry	- - - -	1917
Riebe, Erwin John	- - - -	1929	Taylor, Deane Brownfield	- - - -	1938
Riley, Olly Beata	- - - -	1931	Taylor, James Scott	- - - -	1933
Ringwood, Robert Ainslie	- - - -	1939	Taylor, Raymond Fyfe	- - - -	1947
Rippin, John William	- - - -	1949	Taylor, Ronald	- - - -	1952
Roberts, James Andrew	- - - -	1935	Taylor, Walter Henry	- - - -	1935
Roberts, Kenneth James	- - - -	1949	Temme, Bernhard Robert	- - - -	1931
Roberts, Ronald Theodore	- - - -	1953	Thamm, Louis George	- - - -	1933
Robertson, George Oliver	- - - -	1908	Thomas, Bruce Ian	- - - -	1938
Roennfeldt, John William	- - - -	1937	Thomas, Harold Clarke	- - - -	1908
Rooney, John Francis	- - - -	1928	Thomas, Jack	- - - -	1928
Rose, Vivian Clement	- - - -	1933	Thompson, Frederick Aubrey Jones	- - - -	1929
Rowe, George Eddy	- - - -	1951	Thompson, Jack	- - - -	1949
Rungie, Maxton Keith	- - - -	1934	Thompson, Terence Dudley	- - - -	1949
Rush, Douglas Bartlett	- - - -	1949	Thredgold, Lorna Wynnie	- - - -	1944
Rush, Herbert Stanley	- - - -	1934	Thurston, Frank Harris	- - - -	1923
Russack, Frederick William, jun.	- - - -	1927	Thyer, Walter Vernon	- - - -	1921
Ryan, William John	- - - -	1927	Tilbrook, Kevin Townsend	- - - -	1949
Safra, Benjamin Louis	- - - -	1950	Tillett, Arthur Colin	- - - -	1930
Sallis, Brian Leonard	- - - -	1955	Todd, Beryl Nance	- - - -	1940
Sambell, Frederick James	- - - -	1919	Topperwein, Jessie Jeanette	- - - -	1925
Sando, Gordon Victor	- - - -	1929	Travers, Edward Ambrose	- - - -	1923
Sarre, James Ayrton	- - - -	1938	Treleaven, Ross	- - - -	1950
Sawade, Ronald Frederick	- - - -	1954	Treloar, Ronald William	- - - -	1949
Scanlan, Ronald Frederick	- - - -	1951	Trigg, Frank Elliot	- - - -	1926
Schedlich, Bryan Linn	- - - -	1951	Trimmer, Noel Donavan	- - - -	1950
Schirmer, Gerhart Percy	- - - -	1942	Tucker, Colin Pryor	- - - -	1950
Schneider, Wilfred, B.E.	- - - -	1932	Tuckwell, Kenelm Sinclair	- - - -	1925
Schumacher, Bert Edward Bernard	- - - -	1933	Turnbull, George Alexander	- - - -	1930
Scaman, Gilbert Frederick	- - - -	1935	Turner, Arthur Frederick	- - - -	1932
Searcy, John Dudley	- - - -	1934	Turner, Jack	- - - -	1925
Seddon, Gordon David LeMessurier	- - - -	1939	Turner, Mervyn Richard	- - - -	1938
Sellars, Norman Lionel	- - - -	1923	Turner, Percy	- - - -	1913
Selth, Maurice Burfitt	- - - -	1938	Turner, Raymond Stanmore	- - - -	1930
Shaw, Ian William	- - - -	1955	Twiss, William Wilmott	- - - -	1935
Shepherd, Rupert Lloyd	- - - -	1927	Underhill, Joseph Douglas	- - - -	1950
Sheppard, Bernard Aubrey	- - - -	1910	Valentine, Thomas George	- - - -	1950
Sheppard, John Tyndall	- - - -	1928	Vawser, Leeson William	- - - -	1920
Shier, Marjorie Duffy	- - - -	1939	Vawser, Frank Derwent	- - - -	1925
Shuttleworth, Robert Thomas	- - - -	1926	Vawser, Noel Keith	- - - -	1941
Simmons, Donald William	- - - -	1939	Verco, Wilfred Douglas	- - - -	1940
Simmons, Peter James	- - - -	1950	Vincent, Harry	- - - -	1932
Simpson, Alfred Moxon, B.Sc.	- - - -	1949	Vincent, Mary	- - - -	1935
Simpson, John Favilla	- - - -	1948	Viney, Lawrence George	- - - -	1940
Sinclair, Jack	- - - -	1955	Virgo, Ronald Gilmour	- - - -	1937
Slade, James Henry Gray	- - - -	1938	Wagstaff, Ronald	- - - -	1937
Slape, Marcus Frank	- - - -	1937	Wahlqvist, Hugo Carl	- - - -	1923
Smith, Charles Alfred	- - - -	1910	Walch, Geoffrey Roberts	- - - -	1937
Smith, Clarice Margaret	- - - -	1929	Waldeck, Reginald David Chapple	- - - -	1933
Smith, Dawn	- - - -	1949	Walkington, Newton Gilbert	- - - -	1934
Smith, Eileen Milton	- - - -	1930	Walkley, John Daniel Clifford	- - - -	1957
Smith, Henry Morris	- - - -	1928	Wallage, John Douglas	- - - -	1955
Smith, Isaac Francis	- - - -	1923	Walsh, Paul	- - - -	1941
			Walter, Hugh Garthwaite Ephraim	- - - -	1938
			Wardman, Charles Howard	- - - -	1941

Wauchope, James George Neilson	- - 1911	Williams, Gilbert Raymond	- - - 1953
Webb, George Carlile	- - - 1938	Williams, John Carter	- - - 1917
Werfel, Mavis Jean	- - - 1948	Williams, Kenneth Douglas	- - - 1951
West, Kenneth Charles	- - - 1951	Williams, Norman Lindsay	- - - 1951
Wheeler, Horace Roseby	- - - 1911	Williams, Ronald Bannister	- - - 1937
Whelan, Patrick John	- - - 1937	Williams, Zena Vera	- - - 1926
White, Godfrey Alfred	- - - 1947	Williamson, Harold Edgar	- - - 1926
White, Jack Walter Robert	- - - 1950	Wilson, Aileen Elsie	- - - 1952
White, Wilfred Allan	- - - 1940	Wilson, William Norman	- - - 1950
Whitridge, Gladstone Keith	- - - 1920	Wilton, James Hardy	- - - 1954
Whittenbury, Vernon Frank	- - - 1949	Winch, Ronald Thomas	- - - 1954
Whittle, Ralph Keith Linthorne	Cresdee 1952	Winter, Claude Howard Stanley	- - - 1914
Whitwell, Bruce Dowland	- - - 1934	Wood, Alfred Evelyn	- - - 1909
Wickes, Donald William	- - - 1937	Wood, Maurice Garnet	- - - 1938
Wildy, Mervyn Arthur George	- - - 1950	Woolcock, Alan Burnett	- - - 1939
Wilkie, Alan John	- - - 1957	Woolcock, Royal Johnston	- - - 1928
Wilkins, Ada Dorothy Marion	- - - 1927	Wright, Dorothy Maud	- - - 1929
Williams, Albert Bruce Wauchope	- - - 1925	Wright, Robert Samuel	- - - 1941
Williams, Edward George	- - - 1934	Wyett, Ernest Stanley	- - - 1931
Williams, Eric Spencer	- - - 1922	Young, Norman Smith	- - - 1930

ASSOCIATES IN PUBLIC ADMINISTRATION

Adams, John Clifford	- - - 1953	Johnson, Maxwell Colin	- - - 1953
Anthony, Ernest	- - - 1950	Kay, Harold Edwin	- - - 1938
Ashenden, Herbert John	- - - 1957	Laver, Robert William	- - - 1952
Belcher, Milton Judson	- - - 1937	Lee, Frank Botham	- - - 1937
Brooks, Sidney Rundle	- - - 1938	Lokan, Albert Henry	- - - 1939
Burton, Roy Victor	- - - 1937	Mattingley, Maxwell Albert Percy	- - - 1945
Carey, Edward John	- - - 1936	Menear, Ira, B.A.	- - - 1953
Cavaliere, Elizabeth Mary	- - - 1943	Messent, Esther Mary, B.A.	- - - 1936
Clark, James	- - - 1938	Millard, Clifford James	- - - 1933
Collett, Kenneth James	- - - 1953	Mitchell, William Robert, B.E.	- - - 1956
Combe, Bernard Milo	- - - 1937	Naylon, Augustin James	- - - 1934
Cook, Gordon James, B.Ec.	- - - 1948	Ormond, Colin William	- - - 1949
Coombe, Albert	- - - 1932	Pollnitz, Percy Frederick	- - - 1938
Coombe, Samuel	- - - 1936	Pope, Hugh Gilmore	- - - 1932
Coonan, Edward Raymond	- - - 1949	Pretty, Walter Arthur	- - - 1948
Cottrell, Francis Allan	- - - 1934	Priest, Alan Hewett	- - - 1937
Craker, Arthur Ernest	- - - 1932	Releigh, Claude Edgar	- - - 1934
Dale, Richard Charles Moritz	- - - 1940	Roberts, John William	- - - 1953
Daniel, Claude Alfred Vaughan	- - - 1935	Robinson, David Floyd	- - - 1935
Davis, Brian	- - - 1952	Russell, Andrew Earl Lindsay	- - - 1951
Davis, Robert Keith	- - - 1958	Ryan, Charles Landers	- - - 1941
Deane, Allan Nicholson	- - - 1936	Sando, Maurice Hughes	- - - 1934
Dodd, Aubrey Francis Rule	- - - 1948	Schlenk, Conrad John	- - - 1958
Doecke, Heinrich Albert	- - - 1931	Segnit, Alick	- - - 1957
Doig, Malcolm Robert	- - - 1955	Simmons, Donald William, B.Ec.	- - - 1950
Donaldson, John Monfries	- - - 1936	Slade, James Henry Gray	- - - 1932
Doyle, Leo James, LL.B.	- - - 1951	Smith, Harold Reid, LL.B.	- - - 1949
Dunstan, Jack Connon	- - - 1952	Taeuber, Kenneth Charles	- - - 1958
Garrett, Frank Prisk	- - - 1956	Temme, Bernhard Robert	- - - 1933
Gordon, Coleman Guildford	- - - 1939	Thomas, William Henry Oswald	- - - 1947
Greet, Norman Stanley	- - - 1958	Tillett, Arthur Colin	- - - 1950
Griffin, Ray Edwin	- - - 1953	Turner, Brian Scott	- - - 1958
Hammond, Raymond Charles	- - - 1951	Voyzey, William	- - - 1952
Headland, Brian Cobrey	- - - 1956	Walker, Colin Alexander Dunstan	- - - 1948
Hewett, Alexander Macdonald	- - - 1938	Wellington, Murray Morley	- - - 1949
Honey, Henry Berie	- - - 1958	West, Kenneth Charles	- - - 1949
Hutchinson, Hugh Morgan	- - - 1940	Wharldall, Lancelot Arthur	- - - 1953
Inglis, Gilbert Gerald	- - - 1958	Whitford, Alfred Eugene	- - - 1941
Jackson, Harold Ernest	- - - 1935	Wight, Robert James	- - - 1938
James, Henry John	- - - 1955	Williams, David John	- - - 1956
Jeffery, Charles Frederick	- - - 1934	Wilsdon, Kendrick Frank Jefferies	- - - 1958

DIPLOMA IN MINING ENGINEERING AND METALLURGY AND FELLOWSHIP OF THE SOUTH AUSTRALIAN SCHOOL OF MINES AND INDUSTRIES

Awarded from 1901 till 1912. For list of awards see Calendars up till 1942.

DIPLOMAS IN APPLIED SCIENCE

Awarded from 1913 till 1941. For list of awards see Calendars up till 1942.

DIPLOMA IN FORESTRY

Pinches, Alfred Leslie	- - - 1914	Schedlich, Alfred Karl	- - - 1914
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DIPLOMA IN EDUCATION

Alcock, Dudley Horal, B.A.	- - - 1944	Anderson, Aubrey James Clifton, B.A.	- - - 1948
Allen, John Bernard, B.A.	- - - 1942	Arcus, Wesley John, B.A.	- - - 1958
Allen, Leonard Nicholls, M.A.	- - - 1939	Argyle, Margaret, B.A.	- - - 1957
Altmann, Olive Stella, B.A.	- - - 1951	Ashenden, Leslie Edward, B.A.	- - - 1952
Altus, Rudolph Herman, M.A. (Melb.)	- - - 1950	Aston, Morrell Kenneth, B.A., B.Sc.	- - - 1952
Anders, Douglas John, B.Sc.	- - - 1947	Atwell, Leslie George Danks, B.A.	- - - 1941
Anderson, Alex Gordon, B.Sc.	- - - 1956	Baddams, Violet Thénie, B.A.	- - - 1940

Barber, Howard Frank, B.A.	1943	Dungey, Kevin Leonard, B.A.	1944
Barnes, Frederick Lyne, B.Sc.	1944	Dunlop, Walter James, B.A.	1958
Barrett, William Vernon, B.A.	1951	Dunn, Edith Marie, B.A.	1942
Bartholomaeus, Edmund Stanley, B.A.	1931	Dunn, Sydney Stephen, B.A.	1951
Bartleet, Nancy Irene, B.A.	1950	Dyster, Thomas, B.A.	1956
Batchelor, Flossie Elizabeth Reine, B.A.	1922	Enst, Vernon Roy, B.A.	1948
Baum, Murray Richard, B.A.	1957	Eden, Owen Frederick, B.Sc.	1951
Bawden, Albert Victor, B.A.	1942	Edwards, Victor Wilfred Alcom, B.A.	1948
Beare, Hedley, B.A.	1956	Elder, Audrey Olive, B.A.	1950
Beaumont, Olive Sowter, B.A.	1943	Eley, Agnes May, B.A.	1948
Beckwith, Shirley Katie, B.A.	1948	Esselbach, Rodney, B.A.	1958
Bennett, Annie Stevens, B.A.	1924	Evans, Mary, B.A.	1941
Bennett, Charles Gordon, B.A.	1934	Ewers, William David, B.A.	1940
Bennett, Thomas Southall, B.A.	1940	Falkenberg, Walter Edwin, B.A.	1942
Bennetts, William Rawling, B.Sc.		Farmer, Helen Robinson, B.A.	1948
(Western Australia)		Farrell, Edward Francis, B.A.	1944
Bentley, William James, B.A.	1956	Farrow, Murray Aubrey, B.A.	1947
Berry, Frances Winifred, M.A.	1949	Farrow, Robert Murray	1956
Bested, Gordon John, B.A.	1924	Featherstone, Dora Bewlay, B.A.	1923
Bettison, Margaret Selina, B.A.	1945	Fechner, Martin Johann Traugott, B.A.	1940
Biddle, Enid Barbara, B.A.	1952	Fehlberg, Tasman Julius August, B.A.	1942
Biele, Keith William, B.Ec.	1949	Fergusson, George Robert, B.A.	1955
Bilney, Neil Joseph, B.A.	1953	Field, Alan Kimber, B.A.	1958
Boehm, Walter Gotthilf, B.A.	1947	Finn, Beatrice Mary, B.A.	1943
Bone, Maxwell Harold, B.A.	1955	Fisher, Ruben Walter Alfred, B.A.	1950
Boord, Fredrick Hughes, B.A.	1939	Fitzgerald, Bartholomew John, B.A.	1932
Boundy, William Stevenson, B.Sc.	1957	Fitzgerald, Clarence Lindsay, B.A.	1954
Bourke, Elma Marie, B.A.	1958	Fitzpatrick, Alexander Thomas, B.A.	
Bray, Elva Mildred, B.A.	1941	(Melb.)	1954
Brazier, John Richard, B.A.	1943	Fitzpatrick, Clifford George, B.Sc.	1952
Brown, Donald Edgar	1952	Flower, Clifford Horace Kenneth Dunn, B.Sc.	
Brown, Henry, M.A.	1954	Flynn, Kevin John, B.A.	1928
Brown, Reginald Dutton, B.Ec.	1924	Forbes, William, B.A.	1942
Bull, Winifred, B.A.	1947	Forsyth, Elliott Christopher, B.A.	1939
Bunney, Bronte Rowland, B.Sc.	1948	Fricker, Lyall Peterie, B.Sc.	1950
Burdon, Ivor Leslie, B.A.	1957	Fulton, Gwen Evelyn Hamilton, M.A.	1951
Burfield, Arthur, B.A.	1945	Gann, Eric Crump, B.A.	1945
Burnard, Charles Robert	1954	Gare, Lloyd, B.Sc.	1954
Burns, Esther	1948	Gaskell, Joan Mary, B.A.	1938
Burton, Dudley Hopetoun, B.A.	1949	Cazard, Geoffrey Albion	1955
Butcher, Alan Edward, B.A.	1941	Gent, Alan Franklin, B.A.	1949
Butler, Kathleen Fiona, B.A.	1933	Georg, Victor Gerhard, B.A.	1950
Butler, Pamela Margaret, B.Sc.	1948	Gerlach, Max Johann, B.A.	1952
Campbell, Archibald Herbert, B.A.	1958	Gibbs, Alfred Lewis Burnand	1927
Cannell, Cedric James, B.Sc.	1939	Gibson, Ernest Stephen Harvey, M.Sc.	1949
Cant, Alister McKinnon, B.A.	1942	Gibson, Gladys Ruth, B.A.	1942
Carmen, Noel Francis, B.A.	1944	Gibson, Graham Coyne, B.A.	1940
Carthew, Lancelot, B.A.	1951	Giersch, Leonard Ernst, B.A.	1953
Cavenett, Horace Clifford	1950	Gilchrist, Robert James	1943
Cawte, Frederick George Nelson	1945	Gill, Clarence William, B.A.	1950
Chapman, John Marsden, B.A.	1942	Glastonbury, Dudley Ivan, B.A., B.Sc.	1940
Charlesworth, Thomas William, M.A.	1940	Glastonbury, James Oliver Garnet, B.A., B.Sc.	1935
Clark, Henry William, B.A.	1947	Glynn-Roe, Wilfred Joseph	1934
Clarke, Phil Gregory, B.A.	1954	Golding, Edmond William, B.A.	1950
Cleggett, Lloyd	1952	Golding, Phyllis May, B.A.	1951
Close, Maynard Davidson, B.A.	1955	Goldsworthy, John Garfield, M.A.	1954
Close, Ronald Wilkinson, B.Sc.	1948	Goldsworthy, Reuben, B.Sc.	1951
Cochrane, Heather Bernice	1945	Graham, Mary Theresa, M.A.	1954
Coggins, Harold Douglas, B.Sc.	1958	Green, Richard Maslen, B.A.	1940
Coggins, Robert Symes, B.Sc.	1955	Griggs, Clarence Middleton, B.Sc.	1940
Coleman, Isable Beryl Jean, B.A.	1952	Grosvenor, Edna Mary, M.A.	1928
Collins, Charles Vincent, B.A.	1949	Gunton, James Donald, B.A.	1951
Cornelius, Muriel Merle, B.A.	1940	Haden, John Forbes, B.A.	1940
Corrigan, Lawrence Joseph	1956	Haese, Frederick Ernest Douglas, B.A.	1955
Cosgrove, Bernard Augustin, B.A.	1930	Hansberry, John Pierce, B.A.	1952
Cosh, James Malthouse, B.A.	1945	Hansberry, Mary Estelle, B.Sc.	1949
Counsell, Ruth Kingsley, B.A.	1949	Hansen, Ian Victor, B.A.	1953
Crammer, Gerard Leigh, B.A.	1955	Harper, Ronald George, B.A.	1954
Cramond, Margaret Mary Alyn, B.A.	1952	Harrington, Colin	1941
Cross, Jack	1956	Harrip, Brian John, B.A.	1949
Crowe, Elizabeth Mary, B.A.	1957	Harris, Donald Dunstan, M.A.	1955
Dack, Thomas, B.A.	1954	Harris, Dudley Andrew, B.A.	1934
Daddow, Henry Howard, B.A.	1938	Harris, Lorna Muriel, B.A.	1940
Davis, Natalia, B.A.	1943	Harris, Shirley Joyce, B.A.	1950
Davis, Robert Bruce, B.A.	1940	Hart, Arthur Maxwell	1948
Davison, Gordon William, B.A.	1950	Harvie, Sydney Haral, B.Sc.	1950
Daw, William Ronald	1938	Hasenohr, Edward, B.A.	1938
Deer, John Gregory, B.Sc.	1954	Hauser, Frederick Herbert, B.A.	1952
Dennis, Alan Henry, B.A.	1956	Hayward, Walter Richard, B.A.	1934
Dennis, William Norman, B.Sc.	1953	Healey, Nora Kate, B.A.	1937
Dinning, Alfred Ernest, B.A.	1958	Heidenreich, George Bernhard Franz, B.A.	1941
Dinning, Rodney Alfred Brady, B.A.	1933	Heinemann, Mervyn Lambert, B.A.	1948
Donnellan, Teresa Marie, B.A.	1956		
Dowdy, Norman James, B.A.	1950		
Downs, George William, B.A.	1949		
	1948		

Hewitson, Malcolm Thomas, B.A.	-	-	1955	McPherson, Alexander Owen, M.A., B.Sc.	-	-	-	1939
Hickey, Kathleen Veronica, B.A.	-	-	1950	Macklin, Laura Muriel Caterer, B.A.	-	-	-	1939
Higginbottom, Edwin Corlett, B.A.	-	-	1929	Macklin, William Charles, B.Sc.	-	-	-	1956
Higgins, Alfred James, B.A.	-	-	1950	Macpherson, Reginald Murray, B.A.	-	-	-	1948
Hilbig, Paul Berthold, B.A.	-	-	1935	Magor, Clifford James, M.A.	-	-	-	1945
Hilton, Arthur Robert, B.A.	-	-	1936	Magor, Irvine Frank, B.A.	-	-	-	1943
Hirst, Ronald Robert, B.Ec.	-	-	1944	Manuel, Deane James Hubert, B.Ec.	-	-	-	1952
Hiskey, Thomas Alan, B.A.	-	-	1951	Marshall, Herbert Edmund, B.A.	-	-	-	1941
Holland, Joan, B.A.	-	-	1948	Marshman, Ashley Mead, B.A.	-	-	-	1950
Holmes, Angus Spooner, B.A.	-	-	1957	Martin, Alfred William, B.A.	-	-	-	1953
Hoskins, Howard Berthold, B.A.	-	-	1938	Martin, Amalia Anna, B.A.	-	-	-	1941
Howard, Ephrem, B.A.	-	-	1940	Martin, Maurice Leon, B.A., B.Sc.	-	-	-	1955
Howlett, Nellie Ruth, B.A.	-	-	1944	Martin, Ralph Keith, B.A.	-	-	-	1948
Howlett, Philip Thomas Michael, B.A.	-	-	1944	Martin, Walter Raymond, B.A.	-	-	-	1941
Humphries, Arthur Cecil George	-	-	1941	Maschmedt, Zillah Daisy, B.A.	-	-	-	1940
Hunkin, Milton Philip, B.A.	-	-	1958	Matters, Horace John	-	-	-	1950
Hutson, Walter William	-	-	1945	Matthews, Richard Trahair, B.A.	-	-	-	1943
Hyde, Alan Graham, B.Ec.	-	-	1955	Mattingley, Brian John, B.A.	-	-	-	1939
Ireland, Norman Arthur, B.A.	-	-	1924	May, Dorothy Mary, B.A.	-	-	-	1948
Isom, Constance Ruth, B.A.	-	-	1942	May, Leonard Seymour, B.Sc.	-	-	-	1939
Jenkin, Alfred John Roseland, B.A.	-	-	1939	Maynard, Donald Archer Scott, B.Sc.	-	-	-	1940
Jenkins, Rex Desmond, B.A.	-	-	1943	Maguire, John Charles, B.A.	-	-	-	1947
Johncock, Ernest Harry, M.A.	-	-	1929	Measday, Ellen May, B.A.	-	-	-	1947
Jolly, William Richard Norman, B.A., B.Sc.	-	-	1939	Measday, Shirley, B.A.	-	-	-	1949
Jones, Albert Walter, B.A., B.Sc.	-	-	1939	Middleton, Melville John William, B.A.	-	-	-	1943
Jones, Reginald John, B.A.	-	-	1954	Miller, Annie Rose, B.A.	-	-	-	1948
Jordan, Deidre Frances, B.A.	-	-	1951	Milne, Annie Johnson, B.A.	-	-	-	1939
Judd, James, B.A.	-	-	1956	Mitchell, Annie Nora	-	-	-	1938
Juett, Christina Margaret, B.A.	-	-	1943	Molloy, Raymond Brian, B.A.	-	-	-	1951
Kean, Eileen Margaret, M.A.	-	-	1954	Moore, Neville Stanley, B.A.	-	-	-	1958
Kearney, Bernard James	-	-	1949	Morris, John Lennox, B.A.	-	-	-	1954
Kelly, Ellen, B.A.	-	-	1934	Mudge, Margaret, B.A.	-	-	-	1958
Kenny, Martin Lance, B.A.	-	-	1942	Mueller, Edwin Albert, B.A.	-	-	-	1954
Keon-Cohen, Russell Hallel, M.A. (Melb.)	-	-	1947	Mueller, Rae Vernon, B.Sc.	-	-	-	1954
Kerin, John Francis, B.A.	-	-	1956	Muetzelfeldt, Elfriede, B.A.	-	-	-	1941
Kerslake, William James	-	-	1942	Mules, Betty Lavina, B.A.	-	-	-	1950
Kesting, Louis John, B.A.	-	-	1945	Mundy, Kevin Arnold, B.A.	-	-	-	1942
Keynes, Nanette Joan, B.A.	-	-	1950	Murphy, Mary, B.A.	-	-	-	1938
Kies, Alick Andrew, B.A.	-	-	1948	Murphy, Shylie Patricia, B.A.	-	-	-	1948
Kildea, Mary Francis, B.A.	-	-	1941	Murrie, Jill Margaret, B.A.	-	-	-	1957
Klaebe, Ruth Adelaide, B.A.	-	-	1951	Nicholas, Rowland John, B.A.	-	-	-	1944
Kloeden, Louis Adolph, B.A.	-	-	1951	Nicholls, Barbara Ruru, B.A.	-	-	-	1947
Knauerhase, Oscar Carl, B.A.	-	-	1938	Nichterlein, Frieda Pauline, B.A.	-	-	-	1955
Knight, Russell William, B.A. (Econ.)	-	-	1958	Nickolai, Max Ronald, B.Sc.	-	-	-	1955
Koehne, Raymond Percy, B.A.	-	-	1948	Nietz, Arno Oscar, B.A.	-	-	-	1953
Kohler, Bryce Leonard Percival	-	-	1955	Ninnes, Arthur Reginald, B.A.	-	-	-	1944
Laidlaw, William Clarke, B.A.	-	-	1940	Noblett, Hedley Lindsay, B.A.	-	-	-	1939
Lamacraft, Kenneth Ronald Ross, B.A.	-	-	1955	O'Brien, Francis John Romuald, B.A.	-	-	-	1954
Lamey, Charles Sydney, B.A.	-	-	1937	Ockenden, Garth Palmer	-	-	-	1950
Lang, Ian Philip, B.Sc.	-	-	1957	O'Connell, William Bernard, M.A.	-	-	-	1945
Laslett, Ian John, B.Sc.	-	-	1954	O'Connor, Deidre Catherine, B.A.	-	-	-	1958
Laubsch, Colin Andrew, B.Sc.	-	-	1958	O'Connor, Peter Joseph, B.A.	-	-	-	1955
Lawry, Reginald Arthur, B.A.	-	-	1947	O'Malley, John Edwin, B.A.	-	-	-	1949
Leach, William Valentine, M.A. Dip. Econ.	-	-	1928	O'Neill, Cornelius Patrick, B.A.	-	-	-	1951
Lemcke, Vincent Andrew Howard, B.A.	-	-	1949	O'Neill, Maguerite, B.A.	-	-	-	1950
Lemmey, Ford Prall, B.A.	-	-	1955	Osman, Neile, M.A.	-	-	-	1948
Lewis, Leonard Arthur, B.Sc.	-	-	1947	Owen, Gwentyth Winsome, B.A.	-	-	-	1945
Lewis, Raymond Douglas, B.Sc.	-	-	1943	Page, Eleanor Florence, B.A.	-	-	-	1943
Lillecrapp, Douglas Arthur Julian, B.A.	-	-	1950	Parkes, Roy Frederick Walter	-	-	-	1952
Lowke, John James, B.Sc.	-	-	1958	Parkinson, Kevin John, B.Sc.	-	-	-	1955
Lushey, Harold Merton, M.A.	-	-	1930	Parsons, Edward Clarence, B.A.	-	-	-	1941
Lynch, John Henry, B.A.	-	-	1950	Parsons, William Ross, B.A.	-	-	-	1951
McCarthy, Burnard, B.A.	-	-	1942	Pash, Hannah Rita, B.A.	-	-	-	1934
McCracken, Samuel Raymond	-	-	1958	Paull, Alec Gordon, M.A., B.Sc.	-	-	-	1934
McCullough, Amy Margaret, B.A.	-	-	1945	Payne, George Basil, B.A.	-	-	-	1938
McDonald, Donald Stuart, B.A.	-	-	1945	Pearce, Alfred Moreton, B.A.	-	-	-	1953
McDonald, Gilbert Sherman, B.A.	-	-	1934	Pearce, Charles Clifton, B.A.	-	-	-	1940
McDonald, John Hunter, B.A.	-	-	1936	Pearman, Reginald John, B.Sc.	-	-	-	1957
McDonald, Percy William, B.A.	-	-	1940	Pearson, Howard James, B.A.	-	-	-	1941
McDonald, Peter Baker, B.A.	-	-	1957	Pearson, Leslie Norman, B.A.	-	-	-	1943
McElroy, Anthony Godfrey	-	-	1947	Pedlow, Clarice, B.Sc.	-	-	-	1944
McEvoy, Aloysius John, B.A.	-	-	1942	Pennicott, Ralph William	-	-	-	1953
McGowan, George Murray, B.A.	-	-	1940	Pennington, Beryl, B.A.	-	-	-	1945
McIntosh, Florence	-	-	1945	Penny, Hubert Harry, B.A.	-	-	-	1930
McKay, Malcolm William, B.A.	-	-	1938	Perry, Dulcie May, B.A.	-	-	-	1941
McKinnon, Robert Campbell, B.A.	-	-	1936	Peters, George Francis, B.Sc.	-	-	-	1953
McLay, Andrew Harold, B.A.	-	-	1954	Peterson, Jean Clarice, B.A.	-	-	-	1942
McLean, Murray Colin, B.A.	-	-	1951	Phillips, Gordon Gilbert, B.A.	-	-	-	1947
McLean, Reginald Alexander, B.A.	-	-	1936	Pitman, Beresford Ernest, B.A., B.Sc.	-	-	-	1949
McMurtie, Alfred Ian, B.A.	-	-	1939	Polkinghorne, Keith, B.A.	-	-	-	1939
McMurtie, Colin, B.A.	-	-	1939	Porter, Harold George, B.A.	-	-	-	1942
McPharlin, Alison Tudor, B.A.	-	-	1957	Power, Frances Maureen, B.A.	-	-	-	1956
				Price, Ione Dorothy, B.A.	-	-	-	1949

Prime, Andree Joyce, B.A.	1949	Tapp, Adrian, Lynda, B.A.	1928
Proctor, Ivy Millicent, B.A.	1939	Ternan, Verna Joyce, B.A.	1945
Provis, Douglas Franklin, B.Sc.	1953	Theobald, Howard Wesley	1954
Pryor, Eric John, B.A.	1941	Thiele, Colin Milton, B.A.	1947
Purslow, Martin, B.A.	1956	Thompson, Douglas Norman, B.Sc.	1955
Pyne, Maurice Ignatius, B.A.	1929	Thompson, William, B.A.	1941
Rabone, Harry Klements Percival, B.A.	1941	Tiller, Kenneth Matthew John, B.A., B.Sc.	1956
Radcliffe, Sheila, B.A.	1953	Tillett, Peter Irwyn, B.Sc.	1958
Ray, Marjorie, B.A.	1951	Tomlinson, Betty Mary, B.A.	1950
Read, Philip Andreas, B.A.	1941	Tonkin, Mary Elizabeth, B.A.	1952
Redden, Martin Philip, B.A.	1934	Torr, Shirley Constance	1944
Reed, Barbara	1954	Townsend, Herbert Louis, B.A.	1945
Rehn, Denzil Farnham, B.A.	1958	Tracer, Keith Terence, B.A.	1950
Rendell, Alan, Dip.Econ.	1929	Treasure, Eunice Jessie, B.A.	1947
Renner, Johannes Theodore Erich, B.A.	1954	Treasure, Valda Beth, B.A.	1953
Reynolds, Maxwell Stanley, B.A.	1950	Tregenza, Sydney Lloyd, B.A.	1935
Richards, Gordon Alfred, B.A.	1940	Trenorden, James Henry	1945
Richards, William Edward, B.A.	1953	Trudinger, Ronald Martin, B.A.	1944
Richardson, Ruth Mary Desmond	1958	Tuckwell, Eric Clavering, B.A.	1945
Riedel, Felix Daniel, B.A.	1954	Tuckwell, Kenelm Sinclair, B.A.	1945
Roberts, Beatrice Enid Lloyd, B.A. (Bristol)	1957	Turner, Constance Mary, B.A.	1954
Robinson, Samuel Foster	1922	Twartz, Arnold Frederick, B.Sc.	1944
Robson, Bruce Neville, B.Sc. (Tasmania)	1956	Twartz, Clement Wilford	1950
Rodgers, Frances Ada, B.A.	1938	Verrall, Raymond Wilfred, B.A.	1942
Roehrs, Henna Erika, B.A.	1953	Vickery, Frederick Arthur, M.A.	1935
Rogers, Ruth Nellie, B.A.	1956	Wache, Ethel Mabel, B.A.	1941
Rooney, Clifford, B.Sc.	1938	Wachtel, Heinrich Lenhart, A.U.A.	1956
Rooney, Lois Josephine, B.A.	1948	Waite, Jack Francis Enos, B.A.	1939
Rudd, Kenneth Clive, B.A.	1947	Wakeford, Sidney Claud, B.A.	1939
Ryan, Michael Rupert, B.A.	1941	Walker, Gilbert John, B.A.	1944
Sage, Harold Robert, B.A.	1954	Wallace, Francis Joseph	1953
Sandercock, Alfred Mervyn, B.A.	1938	Walter, Denys	1955
Sando, Clarice Melva	1955	Ward, Margaret Kennings, B.A.	1953
Saunders, Bryan Gordon Reginald, B.A. (North Staff.)	1957	Warren, Donald Hampton, B.A.	1955
Searle, Clifford Alfred James, B.A.	1940	Warren, Sidney Lilla, B.A.	1927
Scriven, Murray Walter, B.A.	1950	Watkinson, Mavis Daphne, B.A.	1942
Sexton, Edgar Raymond, B.A.	1935	Wattchow, Colin Edward, B.A.	1954
Sharman, Florence Mary, M.A.	1923	Wauchope, Mavis Lorelie, B.A.	1929
Shaw, John Robert Stockdale, M.A.	1942	Waugh, William McDonald, B.A.	1952
Shaw, Kate Hambly, B.A.	1937	Wayne-Smith, Reginald John	1953
Shepherd, John Alfred, B.A.	1942	Webb, Emmaline Nancy, B.A.	1952
Shinkfield, Anthony James, B.A.	1957	Welsh, James Oglesby, B.A.	1951
Shrowder, Ronald Louis, B.A.	1943	Westgarth, Walter Tebble, B.A.	1928
Simpson, Penelope Margaret, B.Sc.	1953	Whalan, Lionel Walter, B.A.	1950
Slee, Dugald Haughton, B.A., B.Sc.	1940	Whitburn, Jack, B.A.	1935
Smale, Thomas Charles, B.A. (Diploma in Secondary Education, 1956)	1951	White, Stanley Noel, B.A.	1957
Smallacombe, Roy Frederick, B.A.	1955	Whitelaw, Albert James, B.A., B.Sc.	1945
Smith, David Carswell, B.A.	1939	Whittle, Edith Julia, B.A.	1954
Smith, Edward Rowland, B.Sc.	1945	Wilkins, Ray Eber, B.A.	1950
Smith, Henry Elliott Wesley, B.A.	1938	Wilkinson, Donald Cameron, B.A.	1955
Smith, Joan Francis, B.A.	1953	Wilksch, Betty Ruth, B.A.	1953
Smith, John Fife, B.A.	1939	Willcocks, Robert Douglas, B.Sc.	1954
Smith, John Henry, A.U.A.	1955	Williams, Arthur Charles, B.Sc.	1955
Smith, Sheila Isabel Wesley, B.A.	1947	Williams, George Esson Keith, B.A.	1941
Sobey, Iris Beatrice, B.A.	1956	Williams, George Mervyn, B.Sc.	1957
Spargo, Stanley Carr, B.A.	1939	Williams, James Henry, B.A.	1922
Sparrow, Lorna Discombe, M.A.	1941	Williams, Phillip Glenly, B.A.	1943
Staudé, Clarence Herman, B.A.	1958	Williams, Walter Leslie, B.A.	1949
Stanley, Raymond John	1958	Willington, Lloyd Stanley	1950
Stand, Sydney Arnold, B.Sc.	1949	Wills, Lindsay Arthur, B.A.	1956
Stodart, Barbara Joan, B.A.	1957	Wilson, Avis Jean, B.Sc.	1958
Storch, Wilhelm Murray, B.A.	1949	Wilson, Francis Patrick	1943
Strahan, Anthony William, B.A.	1939	Wilson, Jack Woodrow, B.Sc.	1943
Sugg, Bentham Horace, B.A.	1940	Wilson, Luther Ernest Crosby, M.A., B.Sc.	1939
Sweeney, Mary Ryan, B.A. (Diploma in Pre-Primary Educ., 1943)	1939	Wood, Allen Edwin, B.A.	1947
Symonds, Wybert Milton Caust, B.Sc.	1939	Wright, Angus Stanley, B.Sc.	1939
		Zoratti, Alba Pierina, B.A.	1949

ASSOCIATES IN PHYSICAL EDUCATION

Adam, Marjorie Ellen	1955	Braham, Henry Arnold Collyer	1951
Allen, Ursula Margaret	1957	Brooks, Charles Alfred	1945
Allert, Margaret Elizabeth	1943	Bullock, Ivor George William	1950
Angwin, Helen Mary	1952	Bungay, Valmai Gladys	1958
Arthur, Lawrie Edyvean	1949	Cadzow, Leslie Consort	1949
Aspinall, Nancie Jean	1944	Carlson, Margaret Jean	1958
Astley, Margaret Helen	1953	Chapman, Denise Alcon	1950
Baker, Mary Elizabeth	1942	Cook, Heather Mignon	1947
Barker, Leon James Frank	1957	Cooper, Brian James	1954
Barnett, Frederick Ian	1956	Coppock, Jeanetta May	1943
Beare, Lynden Day	1954	Crisp, Brian Rex	1952
Bell, Thomas Clive Lithgow	1948	Delanty, Patricia Hickford	1949
Betteridge, Pamela Beth	1951	Delsar, Frederick William	1949

Drabsch, Alfred Felix, B.A.	- - - - 1947	Michelmores, Agnes	- - - - 1958
Duffield, Valma Jean	- - - - 1953	Mutton, Howard James Charles	- - - - 1948
Edge, Thomas George	- - - - 1958	Newman, Shirley Lena	- - - - 1954
Eldridge, Diana Melbourne	- - - - 1950	Nixon, Valerie Colinette	- - - - 1955
Farmer, Judith Ellen	- - - - 1957	Noble, Alan	- - - - 1956
Fromen, Petrea Elsie Dora	- - - - 1950	O'Loughlin, Ruth Dorothy	- - - - 1945
Gates, Ian George	- - - - 1958	Page, Ronne Earle	- - - - 1944
Grace, Gloria Dawn	- - - - 1951	Proctor, Ivy Millicent, B.A.	- - - - 1945
Grange, Mary Louise	- - - - 1958	Pugh, Elizabeth	- - - - 1949
Green, Ralph Noel	- - - - 1952	Reynolds, Maxwell Stanley	- - - - 1944
Halbert, John Arno	- - - - 1958	Roberts, Owen David	- - - - 1947
Halsey, Trevor Geoffrey	- - - - 1954	Rowe, Joy Dorothy	- - - - 1950
Haslam, Denise Allison	- - - - 1949	Saint, Bryce Wesley	- - - - 1958
Hodgson, Geoffrey Arthur	- - - - 1950	Schuetz, Harold Edwin	- - - - 1947
Horvat, Ludovic Henry	- - - - 1941	Sibly, John Maslin	- - - - 1956
Ising, Margaret Lucy	- - - - 1942	Sladden, Jefford Desmond	- - - - 1949
Jensen, Richard Ian Broughton	- - - - 1950	Telfer, Iris Claire	- - - - 1956
Kidman, Elizabeth Duncan	- - - - 1942	Thomas, Margaret Anne	- - - - 1945
Laycock, Geoffrey Clinton	- - - - 1948	Torr, Alison Ruth	- - - - 1950
Lines, Beryl Linda	- - - - 1952	Tuckwell, Patricia Glenne	- - - - 1957
McDowall, James	- - - - 1952	Watson, Margaret	- - - - 1953
McGarrig, Gordon Winstanley	- - - - 1949	Whittingham, Nancy Olive May	- - - - 1958
MacGillivray, Leith Grant	- - - - 1951	Williams, Margaret Gordon	- - - - 1942
Maddocks, Jean Kinloch	- - - - 1944	Wollaston, Elsie Margaretta, B.Sc.	- - - - 1950
Mellish, Mary Evelyn	- - - - 1954	Wollaston, Philip Hamilton	- - - - 1954
		Wooldridge, Aileen Frances	- - - - 1948

DIPLOMA IN ECONOMICS AND POLITICAL SCIENCE

Coombs, Mary Minetta	- - - - 1929	Nicholas, Frances Maud	- - - - 1929
Cotterell, Norman Ashby	- - - - 1925	Oliphant, Harold George	- - - - 1925
Cromer, Victor Eugene	- - - - 1923	Opie, Thomas Schulz, B.A.	- - - - 1922
Good, Doris Russell	- - - - 1928	Penny, Hubert Harry, B.A.	- - - - 1922
Ham, William	- - - - 1923	Pritchard, Edgar Willie	- - - - 1924
Harris, Doris Sophia	- - - - 1922	Rendell, Alan	- - - - 1923
Leach, William Valentine, M.A.	- - - - 1925	Skitch, Cecil Ernest Lee	- - - - 1929
Locksley, Maurice	- - - - 1923	Smith, John Fite	- - - - 1925
Macghey, Marv Veta, B.A.	- - - - 1923	Stanford, Walter Henry	- - - - 1929
Morris, Lyndall Erica, B.A.	- - - - 1929	Thompson, Robert	- - - - 1924
Nairn, Loris Walter	- - - - 1929	Williams, Gustav Cyril Milton	- - - - 1929

ASSOCIATES IN PHARMACY

Anderson, Gwendoline Eva	- - - - 1947	Buik, Donald Andrew John	- - - - 1954
Anderson, Ronald Alexander	- - - - 1944	Burge, Raymond Henry	- - - - 1936
Andrews, Erson Leonard	- - - - 1939	Burns, John Vernon	- - - - 1956
Ardill, David Anthony	- - - - 1953	Butler, Richard James	- - - - 1954
Argall, Philip John Tadd	- - - - 1958	Cacas, Don George	- - - - 1958
Bahnish, Noel	- - - - 1945	Cacas, James George	- - - - 1956
Bailey, Geoffrey Reginald	- - - - 1948	Callaghan, Maxwell John	- - - - 1951
Bajer, Leonid	- - - - 1958	Callaghan, Roy Hugh	- - - - 1948
Baiorunas, Andrius	- - - - 1957	Campbell, Margaret Diane	- - - - 1956
Ball, Gerald Benjamin	- - - - 1953	Carlier, Ellis Gladstone	- - - - 1951
Ball, Peter Crowden	- - - - 1955	Carnie, John Alfred	- - - - 1950
Bannister, Neil Prescott	- - - - 1956	Caught, James Gardiner	- - - - 1935
Bardolph, Donald Harold	- - - - 1952	Cavanagh, Robert Edwin	- - - - 1936
Bardolph, June Mary	- - - - 1954	Cawte, Brian Vincent	- - - - 1957
Barnes, Donald Stalley	- - - - 1947	Chapman, Avis Carol	- - - - 1952
Barnes, Herb	- - - - 1944	Cheek, Harold Dudley	- - - - 1939
Bartold, Geoffrey Paul	- - - - 1947	Cheek, Robert	- - - - 1953
Bassett, Murray Maxwell	- - - - 1948	Chesney, Robert George	- - - - 1955
Bazeley, William Joseph	- - - - 1945	Chodowski, Samuel Mendel	- - - - 1941
Beaty, Edward William	- - - - 1954	Clampett, Richard Blackmore	- - - - 1956
Beckinsale, Ronald Herbert	- - - - 1949	Clancy, Ross Percival	- - - - 1945
Beilby, Jack Canavan	- - - - 1947	Clarke, Arthur Wellesley	- - - - 1934
Bentley, Alan	- - - - 1937	Clarke, Trevor Keith	- - - - 1945
Bentley, Deryck Edward	- - - - 1947	Clarke, Vinrace Lisle	- - - - 1936
Bertram, John Stanley	- - - - 1957	Clarke, William Graham	- - - - 1947
Billing, Robert Heaton	- - - - 1953	Cocks, David Gordon	- - - - 1956
Bishop, Ronald Lancelot	- - - - 1951	Coleman, Ronald George	- - - - 1947
Bishop, William Victor	- - - - 1949	Coles, Herbert Desmond	- - - - 1953
Blanks, William Bennett	- - - - 1957	Connell, Myles Patrick	- - - - 1949
Booth, Thomas Sheldon	- - - - 1937	Cooper, Nancy Marina	- - - - 1956
Bourne, John Wallace	- - - - 1943	Coorey, Brian Norman	- - - - 1950
Bowen, Frederick Lloyd	- - - - 1939	Cornish, John Neil	- - - - 1956
Bowey, Allan Edgar	- - - - 1938	Cosgrove, Peter Brian Anthony	- - - - 1957
Brady, Michael Ignatius	- - - - 1954	Coultas, Ronald John	- - - - 1950
Branson, Robert Rolling	- - - - 1937	Cox, Peter John	- - - - 1951
Brett, Jack Nethersole	- - - - 1938	Cracknell, John James	- - - - 1953
Brewster, Cora Elaine	- - - - 1948	Crafter, Kenneth Charles	- - - - 1938
Brice, Robert Hosking	- - - - 1954	Crago, Reginald Allen	- - - - 1951
Broad, Lionel Hugh	- - - - 1943	Craig, Lloyd Albert	- - - - 1941
Broadbent, Frank Brooker	- - - - 1957	Croft, Mary Ellen	- - - - 1954
Brougham, Robert Joffre	- - - - 1940	Crowley, Frank Noah	- - - - 1953
Brown, Donald Thomas	- - - - 1956	Curnow, Thomas Martin	- - - - 1942
Brown, Leonard William	- - - - 1958	Currie, Robert John	- - - - 1950
Brown, Ronald Emanuel	- - - - 1944		

Cushway, Albert Len	- - - - -	1954	Hayter, Bruce William	- - - - -	1951
Daniell, Ross Wilfrid	- - - - -	1938	Hearn, Walter Joseph	- - - - -	1945
Darwin, Lloyd Edwin	- - - - -	1943	Heint, Eduard Evald	- - - - -	1956
Davies, Jonathan	- - - - -	1953	Hemmings, Thomas Prior	- - - - -	1945
Davis, John Lloyd	- - - - -	1953	Hennessy, Claude Harold	- - - - -	1940
de Brenni, Jules	- - - - -	1944	Hennessy, Ian Nicolson	- - - - -	1955
de Waard, Pieter Carl	- - - - -	1955	Hession, John Eric Martin	- - - - -	1941
Dent, Athlea Ada Lorraine	- - - - -	1953	Hibble, Ross Ernest	- - - - -	1950
Dixon, John Miller	- - - - -	1953	Higgins, Gordon Leslie	- - - - -	1949
Doe, Alwyn Gilbert	- - - - -	1951	Hill, Dudley Clarke	- - - - -	1950
Dolman, John George	- - - - -	1951	Hillman, Eric Anthony	- - - - -	1954
Donohue, John Sylvestre	- - - - -	1957	Hodgson, Alan David	- - - - -	1956
Dowding, Ruth Elma	- - - - -	1948	Holder, Reuben Clement	- - - - -	1953
Downie, Sydney Andrae	- - - - -	1940	Hole, Ronald	- - - - -	1952
Drake, Peter Richard	- - - - -	1954	Holland, Bernard John	- - - - -	1952
Duggin, Ivan James	- - - - -	1956	Hopewell, Edward Wallace	- - - - -	1951
Duncan, John Davidson	- - - - -	1950	Hosking, Allen Edwin	- - - - -	1934
Dundon, Laurence James	- - - - -	1942	Huber, Waldemar Richard	- - - - -	1957
Dundon, Noel Francis	- - - - -	1949	Hulbert, Russell George	- - - - -	1938
Dunstone, Kenneth William	Thomas	1943	Humble, William Gilbert	- - - - -	1954
Eckersley, Malcolm Russell	- - - - -	1939	Humphrys, Arnold Clarence John	- - - - -	1951
Egar, Paul Gerard	- - - - -	1949	Hunt, Laurence August	- - - - -	1953
Elix, Robert Hugo	- - - - -	1935	Hutchins, Ross	- - - - -	1942
Entwistle, John	- - - - -	1947	Huxtable, Colin Stanley	- - - - -	1948
Evans, Anthony Greig	- - - - -	1945	Huxtable, Kenneth Clarence George	- - - - -	1949
Evans, Margaret Ann	- - - - -	1956	Jackson, John William	- - - - -	1957
Evely, Roderick Harding	- - - - -	1938	Jacobs, Philip Arthur	- - - - -	1952
Everett, John Kingsley	- - - - -	1953	Jeffrey, John Leigh	- - - - -	1956
Ey, William Theodor	- - - - -	1937	Jeffs, Percival Lancelot	- - - - -	1938
Farley, Donald Charles	- - - - -	1955	Jelfs, John Robert	- - - - -	1958
Feist, Colin Sydney	- - - - -	1957	John, Clarence Gilmore	- - - - -	1948
Fenn, Donald George	- - - - -	1950	Johnson, John Kenneth	- - - - -	1950
Field, Arthur Blackiston	- - - - -	1942	Johnson, Keith Douglas	- - - - -	1941
Fisher, Robert Hilson	- - - - -	1942	Johnson, Leonard	- - - - -	1945
Fitzgerald, Ian Thomas Francis	- - - - -	1957	Johnson, Owen Royce	- - - - -	1956
Fitzgerald, Robert John	- - - - -	1940	Johnston, Edwin John McCallum	- - - - -	1938
Flaherty, Howard Norman	- - - - -	1947	Jolly, Norman Dickson	- - - - -	1939
Fleer, Eric Donald	- - - - -	1952	Jones, Douglas Perry	- - - - -	1950
Flood, Harry Brougham	- - - - -	1951	Justin, John Herbert	- - - - -	1942
Flood, John Warden	- - - - -	1953	Kain, Coleman Lawrence	- - - - -	1938
Flower, Alexander McKinnon	- - - - -	1953	Kamm, Geoffrey Norman	- - - - -	1955
Folkert, Marina	- - - - -	1957	Kasdoba, Lydia	- - - - -	1957
Francis, Robert Leonard	- - - - -	1950	Kean, Christopher James	- - - - -	1953
Fraser, Wallace	- - - - -	1950	Keipert, Paul Howard	- - - - -	1942
Frazer, Kenneth John	- - - - -	1952	Kentish, Frank Stow	- - - - -	1952
Frearson, Harold Thomas	- - - - -	1939	Kildea, John Brian	- - - - -	1952
Freeman, Colin Charles	- - - - -	1944	Kimber, Hubert Thomas	- - - - -	1937
Freeman, John Christian	- - - - -	1943	Kimber, Malcolm John	- - - - -	1956
Fricker, Yvonne June	- - - - -	1954	King, David McMillan	- - - - -	1957
Funder, Eileen Mary	- - - - -	1935	Kinnear, Gerald Campbell	- - - - -	1955
Gameau, John Lewis	- - - - -	1936	Kinsley, John Vere	- - - - -	1938
Garrett, Philip Douglas	- - - - -	1953	Kirby, David Bevan	- - - - -	1940
Gartrell, Roger	- - - - -	1936	Klaffer, Ralph	- - - - -	1954
Gaunt, Norman William	- - - - -	1934	Knightley, Harold Alan	- - - - -	1948
George, Humphrey Edward	- - - - -	1958	Knill, Douglas William	- - - - -	1940
Gerard, Nancy Joy	- - - - -	1955	Laffer, Mildred Emily	- - - - -	1935
Gibson, Elaine Emmalene	- - - - -	1957	Lalor, William Brian	- - - - -	1935
Gilbert, Harold William	- - - - -	1947	Larwood, Patricia Myrtle	- - - - -	1947
Gillespie, Keith Herbert	- - - - -	1939	Lawton, Brian Eley	- - - - -	1949
Glastonbury, Kevin Brian	- - - - -	1955	Lazare, Marcel Banciaon Issac	- - - - -	1956
Goldsack, Glen Ronald	- - - - -	1957	Leak, Weston Hugh	- - - - -	1939
Goscombe, David Bevan	- - - - -	1952	Lean, Albert Gordon	- - - - -	1938
Gould, Ashton Noye	- - - - -	1938	Lean, Keturah Victoria	- - - - -	1935
Grimes, Charles Lindsay	- - - - -	1952	Lee, Thomas Ian	- - - - -	1954
Grist, Robert Hocart	- - - - -	1951	Lenthal, Douglas Lionel	- - - - -	1936
Grooby, John David	- - - - -	1951	Lever, Lionel Alfred	- - - - -	1952
Grove, William Murray	- - - - -	1939	Lewis, Loulie Maxine	- - - - -	1949
Grummet, Philip Hodgson	- - - - -	1956	Leyshon, Stephen Noel	- - - - -	1954
Gryst, Helen	- - - - -	1948	Lloyd, Jack Maxwell	- - - - -	1955
Gryst, Peter Mervyn	- - - - -	1943	Lock, Peter Bayard	- - - - -	1948
Gryst, Ross Edward	- - - - -	1952	Lockett, Trevor John	- - - - -	1958
Guthrie, John Vincent	- - - - -	1948	Lokan, Elaine Beryl	- - - - -	1957
Gwynne, Robert Frank	- - - - -	1935	Lovell, Barbara Jean	- - - - -	1948
Haddad, Alick Peter	- - - - -	1958	Lower, Rupert Alexander	- - - - -	1940
Haddy, Kenneth Ian	- - - - -	1955	Lynas, Kaye Ward	- - - - -	1952
Hall, Thelma Dorothy	- - - - -	1937	Lyons, Colin Henry	- - - - -	1951
Hammat, Edwin Laurence	- - - - -	1948	McCarthy, Roderick Charles	- - - - -	1936
Hammond, Joy Dorrita	- - - - -	1955	McColl, Peter Donald	- - - - -	1951
Hanna, Robert Andrew	- - - - -	1951	McKenzie, John David Blair	- - - - -	1958
Hardwick, Bernice	- - - - -	1949	McNeil, Keith Albert	- - - - -	1950
Hardy, Stuart Edward	- - - - -	1936	MacQueen, David Dugald	- - - - -	1952
Harnett, Gilbert Barry	- - - - -	1955	MacRae, George Brown	- - - - -	1933
Harvey, Marie Jeanne	- - - - -	1956	Madigan, Haydn John	- - - - -	1956
Hawson, William Francis	- - - - -	1952	Maine, John Evans	- - - - -	1955

Makin, Harry Arnold	- - - -	1942	Priess, Richard John	- - - -	1941
Maloney, Denise Minetta	- - - -	1956	Pritchard, Helen Bessie	- - - -	1948
Maloney, Peter Robert Gryst	- - - -	1956	Prosser, Malcolm Geoffrey	- - - -	1955
Maloney, Terence John	- - - -	1958	Purchases, John Alfred	- - - -	1947
Malpas, Cecil Egerton	- - - -	1945	Ramsay, Douglas	- - - -	1934
Manhire, Donald Walter	- - - -	1955	Ramsey, Colin Bruce	- - - -	1950
Manning, Lancelot Henry	- - - -	1934	Ramsey, Mollie Aileen	- - - -	1942
Manton, Jack Hudson	- - - -	1934	Ramsey, Maxwell George	- - - -	1953
Martin, Adeline Zoe	- - - -	1934	Randell, William Richard	- - - -	1940
Martin, Beverley Sue	- - - -	1956	Rankine, Ian Jeffrey	- - - -	1942
Martin, Rex George	- - - -	1958	Raud, Rudolf	- - - -	1955
Martindale, Aileen Francis	- - - -	1948	Rauth, William Heseltine	- - - -	1941
Martindale, Edward John	- - - -	1947	Redmond, John William	- - - -	1958
Marshall, Alfred George Robert	- - - -	1939	Reid, Betty Lorna	- - - -	1949
Mathieson, Allen George	- - - -	1955	Reid, Colin Liston	- - - -	1954
Matthews, Maurice John	- - - -	1935	Retallick, Gladys Yvonne Joan	- - - -	1943
Mayfield, Margaret Hazel	- - - -	1955	Retallick, John James Mark	- - - -	1951
Meaday, John Cleveland	- - - -	1943	Rice, William Frederick	- - - -	1934
Medlow, Ronald George	- - - -	1954	Richards, Brian John	- - - -	1952
Meegan, Peter	- - - -	1951	Richards, William Leonard	- - - -	1956
Meyers, John Robert	- - - -	1958	Richardson, Jack McPherson	- - - -	1937
Michaels, Donald Ernest	- - - -	1941	Richter, John Steven	- - - -	1954
Middlemiss, Brian Robert	- - - -	1951	Roberts, Peter Vernon	- - - -	1951
Mildren, Brian Frederick	- - - -	1944	Robinson, Murray Gilbert	- - - -	1947
Miller, Heather Joyce	- - - -	1948	Rodda, Robert Willard	- - - -	1955
Miller, Robert Lionel	- - - -	1938	Rogers, Barry Harcourt	- - - -	1952
Mitchell, Donald Graham	- - - -	1944	Rohlfing, Kenneth Malcolm	- - - -	1948
Mitchels, John Roger	- - - -	1954	Rohrig, D'Arcy Clayton	- - - -	1941
Montgomery, Gillian Pentland	- - - -	1955	Rolfe, Thomas John	- - - -	1936
Moriarty, Daniel Francis	- - - -	1951	Rosewall, Robert Walker	- - - -	1953
Moriarty, Vincent John	- - - -	1957	Rostek, Zenon-Carolus	- - - -	1957
Morony, Graham Tylor	- - - -	1955	Rowe, Gordon Thomas	- - - -	1948
Mosel, Donald	- - - -	1945	Rowe, John Crawford	- - - -	1950
Mudie, Robert Charles Wedderburn	- - - -	1952	Russell, Alan Alexander	- - - -	1947
Mudie, Stuart Mayelston	- - - -	1953	Russell, Norman	- - - -	1950
Mugg, Gordon Murrie	- - - -	1940	Ryan, Molly Hazel	- - - -	1942
Munyard, Patricia Carlene	- - - -	1957	Ryder, John Bernard	- - - -	1943
Nagy, Akos	- - - -	1957	Saies, David	- - - -	1954
Netting, Keith Cameron	- - - -	1956	Salman, Harry William	- - - -	1934
Newbery, Betty Hilda	- - - -	1947	Sawyer, Trevor Joseph	- - - -	1955
Newbery, Donald Ernest	- - - -	1944	Scarman, Graham Alwyn	- - - -	1954
Newbery, John Henry Edward	- - - -	1947	Schocroft, John Charles	- - - -	1953
Newson, Clarence Alfred	- - - -	1941	Schoff, James Alec	- - - -	1958
Nicholas, Cecil David	- - - -	1941	Schroeder, June Adele	- - - -	1951
Nicholls, Brian Charles	- - - -	1949	Schultz, Francis John	- - - -	1940
Nicholls, William John	- - - -	1956	Scrivener, Bruce Allan	- - - -	1952
Nicholson, Joan Valma	- - - -	1957	Scrivener, Desmond Arthur	- - - -	1950
Norman, Alfred James	- - - -	1935	Shapter, William Evan	- - - -	1944
Norman, Jack Campbell	- - - -	1951	Shepherd, Peter	- - - -	1940
O'Callaghan, Neil Edward	- - - -	1956	Shetliffe, Reginald George	- - - -	1936
O'Connor, Brian Thomas	- - - -	1954	Short, Lynette Margaret	- - - -	1952
Odgers, Murray Grenfall	- - - -	1938	Shute, Leslie Norman Keith	- - - -	1955
Offe, Garth Ian Hamilton	- - - -	1940	Siggins, Ronald Hewitt	- - - -	1938
Ongley, John Henry Albert	- - - -	1936	Simcock, Gerald Cyril	- - - -	1953
O'Reilly, Dominic Patrick John	- - - -	1941	Simon, John Ross	- - - -	1951
Orr, Fay Patricia	- - - -	1954	Skews, Thomas Nisbett	- - - -	1952
Otto, John Leyland	- - - -	1954	Sleep, Frank Ronald	- - - -	1945
Pain, John Shannon	- - - -	1955	Smith, Graham Reginald	- - - -	1934
Pak Poy, Wilfred Cecil	- - - -	1952	Smith, Heather Belle	- - - -	1957
Palape, Janis Zanis	- - - -	1954	Smith, Mervyn Keith	- - - -	1939
Palk, Michael John	- - - -	1955	Smith, Gordon McInnes	- - - -	1940
Parker, Colin John	- - - -	1954	Smylie, Neil Lawrence	- - - -	1950
Parker, Rex Carleton	- - - -	1934	Somogyi, Laszlo	- - - -	1956
Parsons, Donald Allan	- - - -	1952	Sorrell, Leonard Martin	- - - -	1942
Paterson, Fay	- - - -	1958	Southam, Sydney Anthony	- - - -	1950
Paterson, Kevin Walter	- - - -	1955	Spafford, Rex Netherton	- - - -	1939
Patrick, Reginald Ross	- - - -	1942	Sperber, Allan Lynton	- - - -	1952
Patterson, Ronald Thomas	- - - -	1939	Spick, John Vaughan	- - - -	1957
Pawson, Keith Curry	- - - -	1952	Spurling, Peter Michael	- - - -	1958
Payne, Beryl June	- - - -	1952	Stain, John Wright	- - - -	1939
Peek, Donald Harvey	- - - -	1947	Standish, Donald James	- - - -	1955
Penhall, Donald Frederick James	- - - -	1951	Stanley, Patricia Dorothy	- - - -	1954
Penney, Donald Ross	- - - -	1952	Statton, Bruce Arthur	- - - -	1943
Phanchet, Chantane	- - - -	1957	Stedman, Paul George	- - - -	1952
Phelps, Kevin George	- - - -	1952	Stock, Beresford Hannam	- - - -	1957
Phillips, Yvonne Ruth	- - - -	1953	Storen, Walter Joseph	- - - -	1951
Philp, Harold John	- - - -	1953	Streicher, Francis Mannix	- - - -	1942
Physick, William Alick	- - - -	1940	Stuckey, Mary Hill	- - - -	1942
Pickering, John Ronald	- - - -	1953	Stunell, Gwenda May	- - - -	1957
Pledge, John Melvin	- - - -	1958	Sutcliffe, Lewis Allan	- - - -	1952
Pope, David Floyd	- - - -	1958	Swan, Joyce Charlotte	- - - -	1942
Porra, Robert John	- - - -	1953	Sweet, Ronald Langdon	- - - -	1953
Porter, Kenneth Symes	- - - -	1935	Symonds, Robert Murray	- - - -	1951
Potts, Frank Desmond	- - - -	1951	Talbot, Allan Benjamin	- - - -	1940
Freece, Malcolm Stewart	- - - -	1954	Taylor, Ray Athol	- - - -	1949

Taylor, Ronald Norman	- - - -	1947	Washington, Neville Elliott	- - - -	1958
Taylor, William Thomas	- - - -	1936	Waters, Robert William	- - - -	1958
Teakle, John Kevin	- - - -	1951	Watson, Colin Hubert	- - - -	1955
Telfer, Donald	- - - -	1954	Watson, John Myers	- - - -	1949
Theel, Elliott Wilkins	- - - -	1955	Watts, John William	- - - -	1938
Thomas, Jeanette	- - - -	1956	Watts, Robert Neville	- - - -	1955
Thompson, David Richard	- - - -	1958	Wauchope, Alan Wylie	- - - -	1941
Thompson, Donald Bruce	- - - -	1953	Webb, Donald Ralph	- - - -	1949
Thompson, Eric James	- - - -	1935	Webber, Brian Earl	- - - -	1952
Thomson, Margaret	- - - -	1957	Weedman, Dale Elton	- - - -	1954
Tiver, Lloyd Charles	- - - -	1937	Weller, Reginald Lancelot Elon	- - - -	1953
Tomlinson, Janet Rosemary	- - - -	1957	Wellington, Nancy Catherine	- - - -	1944
Tonkin, Peter Richard	- - - -	1942	Wescombe, Peter George	- - - -	1953
Townsend, Graham Rosslyn	- - - -	1952	West, Lionel Thomas	- - - -	1952
Tregilgas, Bruce Burnett	- - - -	1957	Wheaton, Frank Hurtle Pengelley	- - - -	1948
Trevelyan, Denys Murray	- - - -	1948	Wheeler, Eric Henry	- - - -	1942
Trummer, Anthony George	- - - -	1955	Wheeler, Reginald Gordon	- - - -	1944
Tulloch, Roger James	- - - -	1949	Williams, Allan Ross	- - - -	1956
Upton, James Harold Charles Hughes	- - - -	1938	White, Brian Kenneth	- - - -	1957
Upton, Robert Maxwell William A.	- - - -	1951	White, John Carew	- - - -	1940
Valente, Giulio	- - - -	1955	White, John Matthews	- - - -	1941
Veitch, Robert Henry	- - - -	1951	Wickes, Ronald John	- - - -	1941
Venning, Claude Meadows	- - - -	1940	Wigley, Tom Joseph	- - - -	1934
von Doussa, Kathleen Gwendoline	- - - -	1949	Williams, Brian Norman	- - - -	1954
Walker, Leonard Frank	- - - -	1936	Williams, Edward Francis	- - - -	1947
Walker, Raymond Charles	- - - -	1943	Wilson, Beryl Maud	- - - -	1951
Wall, Kenneth	- - - -	1936	Wilson, Donald Kenneth	- - - -	1951
Wallace, Malcolm Gladstone	- - - -	1958	Wilson, Michael Minell	- - - -	1956
Walsh, Afton Peter	- - - -	1937	Wilson, William Fraser	- - - -	1941
Walsh, Zeta Mary	- - - -	1934	Woodford, Lewis Maxwell	- - - -	1951
Wandke, Brenton Graham	- - - -	1955	Woodard, Mervyn John	- - - -	1935
Ward, Clyde Hedley Charles	- - - -	1948	Worthington, Ralph Henry	- - - -	1953
Ware, John Brian	- - - -	1950	Wurm, Peter Sinclair	- - - -	1953
Warnecke, Drennan Paul	- - - -	1949	Wyld, Robert Bowen	- - - -	1950
Warnecke, Peter Gerald	- - - -	1952	Zander, Frank Howard	- - - -	1941
Warren, Donald Spencer	- - - -	1951	Zilm, Lorraine Betty	- - - -	1956

ASSOCIATES IN SOCIAL SCIENCE

Aitken, Judith	- - - -	1950	Douglas, Sonia Yvonne	- - - -	1956
Andrews, Judith Mary, B.A.	- - - -	1958	Dow, Anne Eleanor	- - - -	1949
Angove, Margaret Carlyon	- - - -	1942	Duncan, June Valerie	- - - -	1954
Ashbolt, Winifred Joy	- - - -	1948	Edwards, Alison Joy	- - - -	1957
Astley, Joyce Mary	- - - -	1947	Ellis, Joan Mary	- - - -	1950
Bails, Ruth	- - - -	1943	Featherstone, Dora Bewley, M.A.	- - - -	1942
Baker, Mary Elizabeth	- - - -	1947	Fitzgerald, Gwenyth Joy	- - - -	1952
Bakewell, Joan Helen	- - - -	1951	Flett, Phyllis Margaret	- - - -	1948
Ball, Heather	- - - -	1951	Fong, Yin Kam	- - - -	1953
Ball, Iris Marguerite May	- - - -	1949	Forrest, Ida Jean	- - - -	1949
Bates, Nancy Patricia	- - - -	1947	Fox, Alison Frances	- - - -	1947
Bayer, Josephine Kent	- - - -	1944	Fox, Imogen Dymphna	- - - -	1955
Benjamin, Eric	- - - -	1949	Fry, Roma Kathleen	- - - -	1947
Bidwell, Dorothy Gwendoline	- - - -	1949	Garran, Elisabeth Rosemary, B.A.	- - - -	1955
Boehm, Claire Edith	- - - -	1951	Gault, Yolande Mary	- - - -	1949
Bosworth, Catherine Jean	- - - -	1947	Glastonbury, Albert Angus	- - - -	1955
Bowen, Mary Alice	- - - -	1957	Cow, Alwyn Mona King	- - - -	1950
Bowen, Suzanne Joan	- - - -	1944	Graham, Elaine Alston	- - - -	1951
Bruer, Brigid Hilda	- - - -	1957	Griffith, Elsie Mervyn	- - - -	1948
Buckley, Hannah	- - - -	1942	Guinand, Marie Louise	- - - -	1955
Burnett, Ronda June	- - - -	1949	Habib, Mary Lorraine	- - - -	1951
Burns, Margaret Ternouth	- - - -	1945	Hallett, Rosamund	- - - -	1951
Carlton, Eileen Grace Sally	- - - -	1953	Halls, Christobel Heather Susannah	- - - -	1949
Carthew, Margaret	- - - -	1948	Hambidge, Margaret Cecile, B.A.	- - - -	1942
Cashell, Frances Marie	- - - -	1955	Hamilton, Diana May	- - - -	1954
Cavalier, Elizabeth Mary	- - - -	1944	Harris, Cyril Eric McGillivray	- - - -	1949
Chong, Catherine Chee Kin	- - - -	1956	Haselgrove, Margaret Ann	- - - -	1956
Clark, Caroline Emily	- - - -	1949	Haslam, Anne	- - - -	1947
Clarke, Walter Frederick	- - - -	1950	Haste, Ada Louise (1941)	- - - -	1942
Clay, Geraldine Ann	- - - -	1958	Hayter, Joan Nelson	- - - -	1948
Clegg, Donald Stanley George	- - - -	1950	Heffernan, Helen Margaret	- - - -	1949
Cleland, Pamela Mary, B.A.	- - - -	1949	Helman, Eve	- - - -	1947
Clucas, Gwendoline Ivy	- - - -	1944	Henderson, Barbara	- - - -	1947
Cope, Joan Maxine	- - - -	1951	Hicks, Elizabeth Joan	- - - -	1950
Cornish, Mary Esther	- - - -	1947	Hill, Josephine Margery	- - - -	1950
Crook, Marjorie Marion, B.A.	- - - -	1948	Hogben, Elizabeth Cole	- - - -	1948
Crosby, Heather Bembrick	- - - -	1945	Hone, Jillian Raymond	- - - -	1956
Crouch, Lilian Rubena	- - - -	1948	Hope, Marjory Frances	- - - -	1947
Cuddihy, Geoffrey Thomas	- - - -	1952	Horton, Robert Ralph, M.B., B.S.	- - - -	1957
Cuthbertson, Grace Joy	- - - -	1953	Howe, Ameera Patricia Shirley	- - - -	1956
Davis, Phyllis Evelyn Eva (1941)	- - - -	1942	Hunter, Geoffrey Norman	- - - -	1950
Daw, Rosalind Anne	- - - -	1957	Hunwick, Maureen Mary (1938)	- - - -	1942
Dermott, Veda Rosemary	- - - -	1957	Hutchinson, Yvonne Francis	- - - -	1949
Dixon, Beryl Joyce	- - - -	1957	Jackson, Iris Ellen	- - - -	1949
Dobson, Lesbia Constance Alma, B.A.	- - - -	1947	Jacobs, Eleanor Caroline	- - - -	1944
Douglas, Christine Gordon	- - - -	1948	James, Helen Margaret, B.A.	- - - -	1943

† See footnote at end of list.

Jenkins, Merle Nona - - - - -	1950	Ringwood, Pamela Elsie, B.A., LL.B. - - - - -	1958
John, Ian David - - - - -	1956	Roberts, Barbara June - - - - -	1950
Johnson, Marjorie Lisle - - - - -	1947	Roberts, Luke Vincent - - - - -	1949
Jones, Albert Richard - - - - -	1949	Rushton, Jennifer Fielding - - - - -	1954
Kay, Franziska Clara - - - - -	1948	Russell, Brenda Amanda - - - - -	1949
Kempe, Merridy Henderson - - - - -	1948	Sadleir, Barbara Isabel - - - - -	1954
Kennedy, Marjory May - - - - -	1954	Salter, Amy Vivien Fulton - - - - -	1945
Kerr, Olwyn Gertrude - - - - -	1948	Sandford, Patricia Mary - - - - -	1947
Lawrence, Robert John, B.A. - - - - -	1953	Sandford-Morgan, Rosemary Linton - - - - -	1949
Lean, Shirley Doris - - - - -	1949	Sard, Helen Riddoch - - - - -	1953
LeCornu, Barbara Joy - - - - -	1949	Schmidt, Thekla Naomi - - - - -	1947
Lewis, Ruth Pamela - - - - -	1949	Seedsman, Lorna Joan - - - - -	1956
Liston, Doreen Bice - - - - -	1950	Serradura, Anthony Alexander - - - - -	1953
Lorking, Diana Pauline Elizabeth, B.A. - - - - -	1950	Shaw, Margaret Pointon - - - - -	1945
Lovibond, Sydney Harold - - - - -	1949	Silk, Beatrice Mary Mounsey - - - - -	1945
† McDonald, Jessie Angus (1939) - - - - -	1942	Simes, Maysie Hall - - - - -	1948
McEachern, Heather Campbell - - - - -	1956	† Slade, James Francis (1939) - - - - -	1942
† McIntosh, Florence Mary (1938) - - - - -	1942	Smith, Elery Hamilton - - - - -	1950
McGlaughlin, Helen - - - - -	1948	Smith, Graham Frank - - - - -	1948
† McKail, Mary Boyer (1938) - - - - -	1942	Sobey, Iris Beatrice, B.A. - - - - -	1947
MacKay, Annette Frances - - - - -	1942	† Stanton, Anne (1940) - - - - -	1942
† Macklin, Nancy Marie (1940) - - - - -	1942	Stephen, Winifred Grace - - - - -	1947
MacLennan, Flora Joy - - - - -	1942	Stevenson, Margaret - - - - -	1947
McPherson, Margaret Helen, B.A. - - - - -	1953	Stock, Colin Rendle - - - - -	1949
Maddigan, Pauline Anne - - - - -	1954	Streicher, Joan Patricia - - - - -	1950
† Marcus, Patricia Langman (1938) - - - - -	1942	Sugg, Madge - - - - -	1947
Marsden, Elizabeth Ann - - - - -	1953	† Sullivan, Margaret Rendle, B.A. (1941) - - - - -	1942
Mathews, Rita Clarice - - - - -	1948	Tai, Marlene - - - - -	1945
Matters, Barbara Frances - - - - -	1948	Tarbatch, John David - - - - -	1950
Maund, Doreen Rhoda - - - - -	1951	Teasdale, Margaret Jean - - - - -	1952
† Mengerson, Margaret (1939) - - - - -	1942	Teate, Elizabeth - - - - -	1950
Mercer, David Jeffrey - - - - -	1948	Thomson, Joanna Roberta - - - - -	1947
Michell, Aithnah Howard - - - - -	1950	Thomson, Reginald - - - - -	1949
Miller, Barbara - - - - -	1956	Tilemann, Rosemary - - - - -	1957
Modra, Pamela Marie - - - - -	1956	Tipping, Barbara Gertrude - - - - -	1944
Moseley, Claire Elizabeth - - - - -	1957	Tothill, Judith Windebank, B.A. - - - - -	1953
Mowbray, Brenton George - - - - -	1958	Travers, Ellen Gertrude - - - - -	1955
Mune, Marie Elizabeth, B.A. - - - - -	1954	Trotter, Eileen Mary - - - - -	1947
Nairn, Phyllis - - - - -	1948	Turner, Margaret Patricia - - - - -	1954
Nankivell, Diane - - - - -	1948	van Raalte, Winifred - - - - -	1947
Noble, Joy Beryl - - - - -	1958	Vincent, Ivan Leonard Ray - - - - -	1952
Osterman, Ingrid Gwendoline - - - - -	1951	Walters, Margaret Ward - - - - -	1947
† Paine, Helen, B.A. (1940) - - - - -	1942	Warner, Joan - - - - -	1951
Paine, Janet, B.A. - - - - -	1949	Warneat, Jean Alice - - - - -	1949
Parker, Thelma Margaret - - - - -	1948	Waters, Lesley Brenda - - - - -	1947
Parkinson, Joan - - - - -	1958	Waterman, Collette - - - - -	1944
Pascoe, Noeleen Deidre - - - - -	1952	Wemyss, Glenys Maisie - - - - -	1951
Perrins, Pamela Aileen - - - - -	1953	Whitehead, Millicent Alma, B.A. - - - - -	1949
Plunkett, Margaret Elizabeth - - - - -	1948	Whittington, Anne, B.A. - - - - -	1951
Plush, Helen Marie - - - - -	1956	Wicks, Nancy Elizabeth - - - - -	1947
Polkinghorne, Patricia Margaret - - - - -	1951	Wilnot, Edith French, B.Sc. - - - - -	1944
Pope, Kathryn Hilary, B.A. - - - - -	1953	Wilson, Shirley Cameron - - - - -	1950
Porter, Margaret Leishman - - - - -	1949	Winter, Eva Bertha - - - - -	1951
† Prince, Beryl Lloyd (1940) - - - - -	1942	Winter, Lewis Walter - - - - -	1948
Reed, Margaret Kathleen - - - - -	1942	Wollaston, Julianne Kinnmont - - - - -	1954
Reynolds, Lilo, B.A. - - - - -	1952	† Woods, Irene Constance (1938) - - - - -	1942

† Gained the diploma of the S.A. Board of Social Study and Training in the year shown in brackets

ASSOCIATES IN PHYSIOTHERAPY

Ackland, Helen Harrington - - - - -	1958	Colliver, Judith Mary - - - - -	1947
Anderson, Doreen May - - - - -	1958	Copley, Fay Muriel - - - - -	1948
Appleby, Dorothy Dawn - - - - -	1950	Cornell, Janet-Clare - - - - -	1956
Ashton, Barbara Jean - - - - -	1953	Cornish, Barbara Jean - - - - -	1957
Banks, Athalie Isabelle - - - - -	1951	Cornish, Gwenneth Kathleen - - - - -	1957
Banks, Garland - - - - -	1951	Creswell, Joan Elizabeth - - - - -	1951
Barlow, Margaret Jean - - - - -	1956	Crisp, Rosemary - - - - -	1956
Beech, Alison Erica - - - - -	1954	Crocker, Colleen Ann - - - - -	1958
Begg, Jenny Isobel - - - - -	1949	Cross, Geraldine Frances - - - - -	1954
Begg, Pauline - - - - -	1951	Crowe, Helen Katherine Margaret - - - - -	1948
Biven, Mabel Audrey - - - - -	1947	Davys, Barbara Ramsay - - - - -	1951
Blake, Jillian Heather - - - - -	1956	Dicker, Patricia Margaret - - - - -	1958
Bowman, Kathleen Mary - - - - -	1952	Donaldson, Robert Gordon - - - - -	1948
Brady, Kevin James - - - - -	1953	Dow, Diana Caroline Sandland - - - - -	1947
Branson, June Maxine - - - - -	1948	Dunkley, Barbara - - - - -	1952
Broad, Donald Ivor - - - - -	1954	Dunning, Beverley Constance - - - - -	1958
Brooks, Dorothea Joan - - - - -	1956	Dwyer, Margaret Rosalind - - - - -	1958
Chambers, Ruth Alva - - - - -	1955	Evans, Margaret Wynne - - - - -	1956
Chapman, Margaret Ann - - - - -	1957	Felder, Ethel Kathleen - - - - -	1948
Chittleborough, John James - - - - -	1952	Fisher, Joan Elizabeth - - - - -	1957
Clark, Genevieve Mary - - - - -	1950	FitzPatrick, Erii Margaret - - - - -	1950
Clark, Jennifer Margaret - - - - -	1954	Follett, David James - - - - -	1953
Clark, Jennifer Elaine - - - - -	1955	Frankcom, Rhonda Patricia - - - - -	1952
Collins, Doreen - - - - -	1946	Fricker, Muriel Vera - - - - -	1948

Gault, Averil Margaret	- - - -	1949	Pengilly, Susan Lisbeth	- - - -	1957
Gemmell, Rae St. Clair	- - - -	1958	Phillipps, Margaret Jean	- - - -	1945
Gibson, Pauline Janet	- - - -	1956	Pierotti, Margaret Brown Halley	- - - -	1955
Gillman, Meredith Eldred	- - - -	1958	Pill, Barbara Elaine	- - - -	1958
Graham, Ronald Kirkwood	- - - -	1953	Pinder, Judith Ann	- - - -	1954
Gray, Gary Colin	- - - -	1953	Piper, Rosemary Lillecrapp	- - - -	1954
Gray, Janet Lesley	- - - -	1950	Pitcher, Anne Barton	- - - -	1951
Gray, Jule Marie	- - - -	1951	Plush, Lesley Margaret	- - - -	1949
Ham, Helen Prudence	- - - -	1954	Polomka, Genevieve Joan	- - - -	1957
Hamilton, Sally Nancy	- - - -	1958	Preston, Pauline Rowland	- - - -	1949
Hammond, Marie Joan	- - - -	1951	Radford, Margaret Ann	- - - -	1956
Hannaford, Claire Anne	- - - -	1949	Rice, Miriam Joan	- - - -	1958
Hardy, Barbara Mansell	- - - -	1946	Rischbieth, Anne Helen	- - - -	1950
Hardy, Mary Mansell	- - - -	1951	Roach, Valerie Eyre	- - - -	1949
Haskard, Robin Lindsay	- - - -	1954	Robertson, Mary Douglas	- - - -	1947
Heysen, June	- - - -	1948	Rofe, Margaret Jean	- - - -	1950
Holder, Charlotte Ruth	- - - -	1949	Ross, Susan Mary	- - - -	1947
Hosking, Elizabeth Mary	- - - -	1957	Rumball, Kathleen Janet	- - - -	1955
Jamieson, June Edna	- - - -	1953	Rzeszkowski, Lois Morna	- - - -	1946
Jay, Judith Helena	- - - -	1947	Salmon, Margaret Besley	- - - -	1945
Jennings, Jill Gellibrand	- - - -	1947	Sandow, Maxwell George	- - - -	1952
Job, Kathleen	- - - -	1950	Simpson, Jean Katie	- - - -	1952
Johns, Gordon James	- - - -	1946	Simpson, Rae David	- - - -	1951
Johnstone, Heather Joy	- - - -	1958	Simons, Aileen Mary Grace	- - - -	1957
Jones, Alison Mary Herbert	- - - -	1948	Sims, Enid Helen	- - - -	1950
Jordan, Hilary Anne	- - - -	1951	Smith, Elaine Lockhart	- - - -	1946
Juttner, Susan Elizabeth	- - - -	1953	Snow, Frances Mary	- - - -	1955
Kelly, Francis Simeon	- - - -	1949	Sopp, Maxwell John	- - - -	1958
Kinsman, Alison Joan	- - - -	1949	Southam, Catherine Mary Rose	- - - -	1956
Klutke, Eric Willi	- - - -	1953	Starr, Judith Anne	- - - -	1954
Laffer, Erica Merle	- - - -	1952	Stoddart, Lorraine Mary	- - - -	1951
Lake, Joan	- - - -	1946	Supple, Harvey Walter Thomas	- - - -	1958
Laver, Dorothy Margaret	- - - -	1948	Taylor, Christobel Jane	- - - -	1952
Leslie, Janice Laurel	- - - -	1958	Taylor, Margaret Anne	- - - -	1952
McArthur, Judith Ann	- - - -	1958	Taylor, Margaret Mary	- - - -	1952
McCandless, Rosalind Elizabeth	- - - -	1953	Thomson, Janet Elizabeth	- - - -	1951
Mackie, Margaret Irene	- - - -	1950	Thorpe, Barbara Joy	- - - -	1957
McEarchen, Jean Campbell	- - - -	1958	Thorpe, Heather Evelyn	- - - -	1957
McElroy, Margaret Joyce	- - - -	1950	Toft, Jan	- - - -	1956
McKeough, Margaret Joan	- - - -	1957	Tosolini, Gwen Corinna	- - - -	1951
McLennan, Fay Maisie	- - - -	1951	Tregenza, Ann Irvine	- - - -	1956
McPhee, Aileen Tempe	- - - -	1949	Viksna, Velta	- - - -	1955
Maitland, Geoffrey Douglas	- - - -	1949	Vincent, Jillian	- - - -	1957
Maloney, Patricia Kathleen	- - - -	1946	Waddell, Margaret Jean	- - - -	1945
Marshman, Margaret Felstead	- - - -	1950	Walford, Joan Louise	- - - -	1957
Meyer, Carlien Allisarde Ripley	- - - -	1952	Walker, Judith Nora Mudie	- - - -	1958
Meyer, Rigmor Stewart	- - - -	1948	Wall, Ellen Winifred	- - - -	1953
Mitchell, Dorothy Christine	- - - -	1948	Waterhouse, Jane Hardey	- - - -	1953
Moore, Margaret Suzanne Alice	- - - -	1945	Webb, Nancy Joan	- - - -	1958
Moore, Virginia Joyce	- - - -	1952	Whicker, Joan Doreen	- - - -	1954
Morley, Mary Elizabeth	- - - -	1946	White, Jenifer Judith	- - - -	1954
Morris, Suzanne Beatrice	- - - -	1949	White, Ruth Rosanne	- - - -	1956
Navakas, Aldona Victoria	- - - -	1957	Wicks, Claire Hampton	- - - -	1947
Newton, Margaret Betty	- - - -	1950	Wilson, Earle Elliot	- - - -	1958
O'Connell, Barbara	- - - -	1952	Wood, Judith Mary	- - - -	1953
Paige, Maxwell John	- - - -	1949	Wylde, Annette Eustace	- - - -	1947
Parsons, Jill Angus	- - - -	1958			

ASSOCIATES IN ARTS AND EDUCATION

Adams, Malcolm Thomas	- - - -	1952	Beasley, Victor John (surrendered 1957)	- - - -	1955
Ahrens, Elsie Gladys (surrendered 1955)	- - - -	1951	Beaton, Kenneth Murray	- - - -	1958
Alexander, Stuart Dixon	- - - -	1952	Beaty, Arnold Keith	- - - -	1952
Anders, Beverley Margaret	- - - -	1958	Beilby, Shirley May	- - - -	1954
Andrews, David Francis William	- - - -	1948	Bennett, Henry Russell	- - - -	1948
Andrews, Rosemary Allison	- - - -	1953	Bernard, Dorothy Adele James	- - - -	1958
Arbery, James Herbert	- - - -	1957	Biddle (nee Richards), Mary Elizabeth	- - - -	1948
Argyle, Barry	- - - -	1954	Bonnett, Victor Walter Lincoln	- - - -	1954
Armitage, Bessie Eleanor Mildred	- - - -	1949	Bosworth, Catherine Jean	- - - -	1951
Armour (nee O'Leary), Patricia	- - - -	1950	Bourne, Margaret Cornelius	- - - -	1949
Ashton, Walter Ray	- - - -	1950	Bowden, Janet	- - - -	1951
Aspinall, Nancie Jean	- - - -	1951	Bowler, Mary	- - - -	1949
Atkin, Jack Taylor	- - - -	1955	Bown, Henry Theobald	- - - -	1949
Aubert, Graham James	- - - -	1958	Braham, Henry Arnold Collyer	- - - -	1949
Auhl, Ian Leslie	- - - -	1952	Brideson, Colin Herbert	- - - -	1950
Bailey, Donald William	- - - -	1956	Bridgland, Margot Elizabeth	- - - -	1953
Baird, Rachel Mary	- - - -	1949	Brocksope, John Ernest, LL.B.	- - - -	1951
Baker, Harvey Laurence	- - - -	1950	Brown, Norman (surrendered 1952)	- - - -	1951
Bakelay, Barrey Ballington	- - - -	1957	Brown, Patricia Lorraine	- - - -	1958
Barker, Leon James Frank	- - - -	1952	Browne, Thomas Joseph	- - - -	1957
Barr, Gweneth Janet	- - - -	1957	Buick, William George (surrendered 1956)	- - - -	1950
Bastian, Elwin Scott (surrendered 1956)	- - - -	1952	Burfield, Margaret Elizabeth	- - - -	1956
Bawden, Maxwell John	- - - -	1958	Burgan, Owen Sylvester	- - - -	1948
Baxter, Ladislus Edward	- - - -	1949	Burger, Janette Ann	- - - -	1958
Bayly, Elizabeth	- - - -	1948	Burley, Betty Ellanora Dawn	- - - -	1951
Beare, Lynden Day	- - - -	1955	Burnard, Charles Robert	- - - -	1948
Beasley (nee Ford), Beverley	- - - -	1958			

Burns, Esther	1948	Faull, James Francis	1957
Burns, Robert Alexander	1951	Fechner, Ronald Kevin	1955
Burville, Thomas George Theodore	1952	Fehlberg, Albrecht Joachim	1955
Butcher, Colin Sydney	1951	Feineler, Josephine Mary	1958
Butler, Francis James	1948	Fergusson, George Robert (surrendered 1953)	1948
Buttrose, Stroma	1951	Fitch, Nancy Jean	1949
Buxton, Gordon Leslie	1955	Fitzgerald, Clarence Lindsay (surrendered 1952)	1949
Chywaters, Mary Barfield	1951	Foweraker, Alma Muriel	1950
Campbell, Barbara	1950	Fricke, Lourdes Victoria	1951
Carmichael, Donald Ross (surrendered 1950)	1949	Friedrichs, Noel Carl	1952
Cavenett, Horace Clifford	1948	Gage, Josephine Helen	1958
Champion, Dorothea Hedwig	1958	Gale, Milton Ewart	1956
Chandler, Douglas Norman	1951	Gallas, David Dalmain	1956
Chappel, Shirley Joan	1956	Galle, Reginald Victor	1951
Charlesworth, George Harvey (surrendered 1953)	1950	Galvin, Patrick John (surrendered 1956)	1953
Charlesworth, Jennifer Joy	1957	Garbutt, Mary	1954
Charlesworth, Joan Ann	1954	Gare, Dorothy Lomax	1958
Chinnick, Richard Lionel	1954	Geekie, Ronald Gordon	1955
Clancy, Peter Allan	1953	Gerhardy, Gordon John	1958
Clark, John Stephen	1951	Gibbs, Alfred Lewis Burnand	1948
Clarke, Margaret Anne	1948	Giddings, Keith	1958
Clarke, Ruth Mary	1949	Gidney, Maxine Florence	1957
Clements, John Wreford	1958	Giles, James Ramsay	1951
Clezy, Alethe Kathleen	1956	Glazbrook, Evelyn Marshall	1958
Cochrane, Heather Bernice	1954	Glenn, Graham Gordon (surrendered 1958)	1954
Coggins, Harold Douglas, B.Sc.	1954	Glover, Geoffrey Edward Harold	1951
Coggins, Robert Symes, B.Sc. (surrendered 1954)	1951	Glynn-Roe, Wilfrid Joseph	1948
Coker, John Godfrey	1954	Golding, Edmond William (surrendered 1951)	1949
Considine, Thomas John	1950	Gower, Charlie James (surrendered 1954)	1951
Cook, Colin George	1951	Grave, Rosemary Anne	1956
Cook, Owen Gladstone	1951	Green, Ian Edward Charles	1949
Coombs, Ruby Rachel	1953	Guerin, Robert	1950
Coppock, Alfred Arthur	1950	Gunn, James Allan Baikie	1957
Cousins, Georgena Millicent	1949	Haese, Kevin Arthur	1955
Cowley, Lorine Joan	1952	Hakendorf, Hansie St. Clair	1950
Cropley, William Haywood	1958	Hall, Clifford Thomas Robert	1950
Cross, Jack (surrendered 1957)	1953	Hallewell, Audrey Joan	1952
Crouch, Stuart Samuel	1956	Hammond, William David	1952
Cupples, Sylvia Joyce	1956	Hansen, Norman Victor	1951
Daenke, Eric	1948	Harper, Brian Youl	1951
Dahl, James Oliver	1949	Harrington, Archie	1951
Darby, Ruth Mary	1949	Harrip, Elva Ray	1950
Davey, Kenneth Llewellyn James	1953	Harrison, June Jacqueline	1956
Davies, David Alwin	1956	Harrison, Mary Elizabeth	1951
Davies, David William	1950	Harriss, Henry Thomas	1956
Davis, Brian	1949	Hart, Arthur Philip Clarendon	1948
Davis, Frederick Harry (surrendered 1955)	1954	Harvey, Mary Mignon Owen	1955
Dawes, Walter Ernest (surrendered 1954)	1949	Hastwell, Nita Claire	1948
Delsar, Frederick William	1949	Hawes, Gwynneth June	1952
Dempter, Donald	1949	Hay, Nancy Evelyn	1952
Denning, Patricia Joan (surrendered 1958)	1956	Hecker, Coral Gladys	1950
Dent, Ronald Thomas Stewart	1952	Hefford, Ronald Keith (surrendered 1956)	1951
Dickinson, Gwladys Margaret	1958	Heinrich, Harold Gordon (surrendered 1956)	1954
Dillon, Gerald Alexander, B.A., B.T.	1958	Heritage, Enid Helena	1957
Dillon, Natalie Anne	1957	Hicks, Lancelot Fry	1951
Dixon, James Elmslie	1957	Hill, Brian Heaton	1954
Dobner, Frederick Jack Pozieres	1956	Hill, Mary Jean	1958
Dorman, Jean Alison	1951	Hill, Victor Arthur	1952
Driver, Bruce Edwin	1952	Hillier, Alistair Westford	1957
Driver (nee Nixon), Valerie Collette (surrendered 1957)	1952	Hilton, Ruth	1958
Duell, Allen John	1951	Hocking, Edward Bridgman	1951
Dunbar, Harry Edward	1953	Holte, Mervyn John	1957
Dunlop, Walter James (surrendered 1952)	1951	Holmes, Edwin Thomas	1957
Dunstan, Arnold Edward Stanton	1948	Holmes, Patricia Langley (surrendered 1958)	1954
Dunstan, Leonore Winifred	1958	Hooper, Barbara Nellie	1957
Dyer, Frederick Stephen William	1955	Hooper, John Robert	1956
Dyster, Colin	1958	Horsnell, Keith Constant	1954
Dyster, Thomas (surrendered 1953)	1949	Hosking, Horace Geoffrey	1957
Eckert, Lexley Frank	1951	Hosking, William Rex (surrendered 1958)	1951
Edmonds, Thomas James	1956	Howell, William Ewart	1950
Edwards, Arthur Diedrich	1950	Howlett, Eric Douglas	1958
Ekins, William Gray	1955	Hudson, Nancy MacDonald	1954
Esselbach, Rodney (surrendered 1956)	1953	Hughes, John	1953
Evans, Ben Owen	1950	Humphrey, Ruth Iris Marie, B.Sc.	1956
Evans, Peter	1953	Humphries, Arthur Cecil George	1950
Fagan (nee Michael), Agnes Ruth	1955	Humphries, Edna Jeanine	1951
Farmer, Geoffrey Arthur Jessop	1956	Hussey, Francis Leitch	1950
Farrow, Robert Murray (surrendered 1956)	1950		

Hutson, Walter William	- - - - -	1948	Milway, Russell Henry Oliver	- - - - -	1949
Hutton, Malcolm Austin	- - - - -	1958	Moore, Eric Claude	- - - - -	1953
Hynes, Gertrude Doreen	- - - - -	1955	Morris, Maxwell Arthur	- - - - -	1956
Iliffe, Rosa Lorene	- - - - -	1954	Morrison, John Colin	- - - - -	1953
Jackson, Esther Mary	- - - - -	1952	Mudge, Alfred Clarence	- - - - -	1952
Jakobsen, Hugo (surrendered 1954)	- - - - -	1952	Mulraney, Leslie Patrick	- - - - -	1950
James, Richard Cecil (surrendered 1954)	- - - - -	1949	Mundy, Robert Reginald Peter	- - - - -	1951
Jeffs, Kathleen Elinor	- - - - -	1948	Murchland, Mildred Emily	- - - - -	1949
Jenkin, Leonard Bee	- - - - -	1954	Murchland, William Byrne	- - - - -	1957
Jenkin, Robert Haydon	- - - - -	1953	Murray, Beryl Margaret	- - - - -	1957
Jenkins, Merle Nona	- - - - -	1950	Murray, Heather Jean	- - - - -	1953
Johns, Beryl Fay	- - - - -	1952	Murrie, Elizabeth Leroy	- - - - -	1954
Jones, Helen Margaret	- - - - -	1953	Murrie, John Douglas	- - - - -	1955
Joppich, Oscar Edwin	- - - - -	1954	Nankivell, Isobel Mabel	- - - - -	1953
Joyce, Pamela Beth	- - - - -	1956	Natt, Geoffrey	- - - - -	1950
Judd, James (surrendered 1954)	- - - - -	1950	Nelson, Pamela Rosemary	- - - - -	1956
Kane, Leo William	- - - - -	1958	Nenke, Eric Eugene	- - - - -	1958
Kappeler, Stewart Garth	- - - - -	1954	Newell, Edward Richard Ireland	- - - - -	1954
Kealley, Frank Shenstone (surrendered 1951)	- - - - -	1948	Nitschke, Erna Gertrude	- - - - -	1954
Keane, Kenneth John	- - - - -	1951	Noblet, Max Hadden (surrendered 1957)	- - - - -	1952
Kearney, Stanley John	- - - - -	1956	Noon, David Lyon (surrendered 1952)	- - - - -	1948
Kelley, William Brian (surrendered 1951)	- - - - -	1949	Norman, Jacob	- - - - -	1952
Kesting, Norman Gustav	- - - - -	1951	Norton, Mary Alice	- - - - -	1949
Kibena, Aimi-Lethe	- - - - -	1958	Nottle, Geoffrey Edward (surrendered 1956)	- - - - -	1953
Kimber, William Harold	- - - - -	1948	Nunan, Douglas Stephen	- - - - -	1951
Kissell, Thomas Alfred (surrendered 1954)	- - - - -	1950	Oakley, Hannah Rosalie	- - - - -	1954
Kohler, Bryce Leonard Percival	- - - - -	1955	Oborn, Herbert Russell	- - - - -	1948
Kroehn, Joan Margaret	- - - - -	1951	O'Callaghan, Basil Charles	- - - - -	1957
Laidlaw, Valerie	- - - - -	1956	O'Callaghan, Gerald Anthony	- - - - -	1954
Lamacraft, Kenneth Ronald Ross (surrendered 1954)	- - - - -	1951	O'Donnell, Noeline Claire	- - - - -	1956
Lamborne, Maxwell Addison (surrendered 1953)	- - - - -	1949	O'Neil, Marguerite (surrendered 1949)	- - - - -	1948
Langsford, Irene Eltham	- - - - -	1949	Opie, Roderick Preston	- - - - -	1953
Laslett, Barbara Rose	- - - - -	1952	Ottens, Lois Veronica	- - - - -	1957
Lawson, Joy Rosemary	- - - - -	1956	Paasuke, Henno	- - - - -	1958
Leak, Brian Hedley (surrendered 1954)	- - - - -	1952	Paice, William Osborne (surrendered 1953)	- - - - -	1950
LeCornu, Colin George (surrendered 1954)	- - - - -	1951	Palmer, Rachel Dawn	- - - - -	1950
Leibie, Albert Lawrence	- - - - -	1952	Parkes, Roy Frederick Walter	- - - - -	1948
Leigh, Kathleen Lavinia Anne	- - - - -	1951	Passell, Judith Christina	- - - - -	1958
Lemke, Mollie Aileen	- - - - -	1958	Paterson, Robert George (surrendered 1958)	- - - - -	1952
Lock, Dorothy Marie Jeanne (surrendered 1954)	- - - - -	1950	Patterson, Frank Brenton	- - - - -	1948
Lodge, John Kenneth Hyde (surrendered 1957)	- - - - -	1953	Payne, Rosamond Marie	- - - - -	1957
Longbottom, Maxwell Ernest	- - - - -	1953	Peake, Archibald John	- - - - -	1950
Love, Robert Stewart	- - - - -	1948	Pearce, Alfred Moreton (surrendered 1951)	- - - - -	1949
Lunnay, Aubrey William	- - - - -	1952	Pearce, Edwin Lovell	- - - - -	1952
Lyall, Margaret Mary	- - - - -	1954	Pearce, Nancy	- - - - -	1952
McCracken, Samuel Raymond	- - - - -	1951	Pearce, William	- - - - -	1952
McDonald, William George Harlowe	- - - - -	1948	Pennicott, Ralph William	- - - - -	1948
McDowall, James	- - - - -	1952	Penny, Betty Lorraine Mary	- - - - -	1955
McElroy, Anthony Godfrey	- - - - -	1949	Peters (nee Rooney), Kathleen	- - - - -	1948
McGill, Ian Keith (surrendered 1956)	- - - - -	1955	Pfitzner, Renate Lottie	- - - - -	1956
McGuire, Anthony (surrendered 1955)	- - - - -	1952	Phillips, Ronald Osborn	- - - - -	1950
McKenzie, Hector Malcolm	- - - - -	1948	Pickering, Eric	- - - - -	1954
McKinnon, Charles Richard	- - - - -	1951	Pierson, Robert Arthur (surrendered 1954)	- - - - -	1953
McKinnon, Kenneth Richard	- - - - -	1952	Pitman, Hartley Kenneth	- - - - -	1953
McLay, Andrew Harold (surrendered 1953)	- - - - -	1950	Playfair, Noel Angus	- - - - -	1951
McLean, Ronald Sinclair Allen	- - - - -	1956	Poke, Alison Rae	- - - - -	1953
McLeod, Murray Robert Love	- - - - -	1949	Pole, Audrey Elizabeth (surrendered 1956)	- - - - -	1951
McNamara, Maureen Rita	- - - - -	1952	Polkinghorne, Heather Mary	- - - - -	1949
McRostie, Keith Henry	- - - - -	1950	Potts, Florence Marlene	- - - - -	1956
MacGillivray, Leith Grant	- - - - -	1951	Pratt, Aubrey Ronald	- - - - -	1952
Mader, Conrad Wilfred	- - - - -	1952	Quigley, Francis James Leo	- - - - -	1950
Magnay, William Ralph	- - - - -	1952	Quirk (nee Sykes), Helen Marian (surrendered 1951)	- - - - -	1949
Mahar, Alan Dalton	- - - - -	1957	Raison, Max Victor	- - - - -	1956
Mansfield, Richard Charles	- - - - -	1951	Ramsay-Matthews, Jean	- - - - -	1953
Manuel, Deane James Hubert, B.Ec.	- - - - -	1954	Read, Clarence Percy	- - - - -	1949
Maple, Alexander Montrose	- - - - -	1948	Redin, Lewis Charles (surrendered 1956)	- - - - -	1951
Marker, Lois Beatrice	- - - - -	1954	Redman, Jessie Adelaide	- - - - -	1951
Marsh, William Clarence	- - - - -	1951	Redstone, Frank (surrendered 1957)	- - - - -	1949
Martin, John William	- - - - -	1950	Reincke, Kevin	- - - - -	1950
Masters, Bernard Lincoln	- - - - -	1956	Rendell, Rosemary Anne	- - - - -	1953
Masters, John Clive	- - - - -	1949	Richards, Martin Clyde	- - - - -	1952
Mausolf, Jack	- - - - -	1954	Roberts, Owen David	- - - - -	1949
Mausolf, Wallace	- - - - -	1951	Roberts (nee Ey), Sheila Margaret	- - - - -	1950
Mayer (nee Hentschke), Margaret Ruth	- - - - -	1954	Rogers, Roma Emma	- - - - -	1951
Medson, Albert Reginald	- - - - -	1956	Rogers, Ruth Nellie (surrendered 1955)	- - - - -	1951
Michelmores, Roland Symons	- - - - -	1948	Routley, Peter Herbert	- - - - -	1955
			Rowe, Rex Norman	- - - - -	1950
			Rowell, George Douglas Fairbairn	- - - - -	1949

Rowland, Roma Joy - - - - -	1954	Thomson, Eunice Ann - - - - -	1955
Rudolph, Gerald Alfred - - - - -	1951	Thomson, June Marie - - - - -	1956
Ruediger, Malcolm Milton (surrendered 1954) - - - - -	1950	Tilbrook, Graham David - - - - -	1958
Ryan, John Leo - - - - -	1958	Till, Patricia Dell - - - - -	1952
Sage, Harold Robert (surrendered 1953) - - - - -	1950	Tindall, Mildred Florence - - - - -	1950
Sando, Clarice Melva (surrendered 1955) - - - - -	1950	Torr, Alison Ruth - - - - -	1950
Saunders, Alan Caley - - - - -	1954	Trainer, Denise Margaret - - - - -	1957
Schnetz, (nee Harrison), Ruth Olive - - - - -	1950	Trapnell, John Courtenay - - - - -	1952
Schuller, Ruth Doreen - - - - -	1954	Travers, Thomas Edward - - - - -	1948
Schulz, Clifford Rupert - - - - -	1953	Trebilcock, David - - - - -	1953
Searle, Vera Katherine - - - - -	1953	Tregilgas, Francis Everleigh - - - - -	1952
Shekleton, Peter Reginald (surrendered 1957) - - - - -	1951	Trowse, Helen Hayward - - - - -	1954
Sheppard, David Roland - - - - -	1957	Trudinger, June Stirling - - - - -	1949
Shinkfield, Anthony James (surrendered 1955) - - - - -	1954	Tucker, Robert - - - - -	1956
Simmonds, Allan Frederick - - - - -	1958	Tulloch, David Gerald - - - - -	1952
Simpson, Brenda Mary - - - - -	1956	Turner, William Howard Batley - - - - -	1955
Smale, Thomas Charles (surrendered 1950) - - - - -	1949	Twartz, Clement Wilford - - - - -	1948
Smith, Allen Clyde - - - - -	1957	Vaughan, Matthew Ferdinand - - - - -	1950
Smith, Ashley Mary - - - - -	1958	Vogelsang, Arthur Ernst - - - - -	1950
Smith, Constance Ethel - - - - -	1950	Wachtel, Heinrich Lenhart - - - - -	1948
Smith, Cynthia Vivienne - - - - -	1957	Walker, Alan Philip - - - - -	1958
Smith, Donald Powell - - - - -	1952	Wallace, Francis Joseph - - - - -	1948
Smith, Doris Elizabeth - - - - -	1951	Wallbridge, Beryl Elsa - - - - -	1958
Smith, Gweneth Ruth - - - - -	1956	Wallbridge, Leslie Walter - - - - -	1956
Smith, Ivan Ford (surrendered 1953) - - - - -	1949	Ward, Brian John - - - - -	1958
Smith, John Henry - - - - -	1950	Wardle, Allen - - - - -	1952
Smith, Margaret Joan - - - - -	1954	Webber, Ian James - - - - -	1953
Smith, Maxwell John - - - - -	1953	Webber, Muriel Esme Jill (surrendered 1957) - - - - -	1952
Smith, Reginald John Wayne - - - - -	1950	Wedding, Gordon Mervyn - - - - -	1954
Smith, Richmal - - - - -	1957	Welke, Margaret Rose - - - - -	1956
Smith, Sylvester - - - - -	1948	Wellington, Douglas Erwin - - - - -	1950
Snigg, Janice Helene - - - - -	1957	Were, Keith Francis - - - - -	1958
Spence, Colin Everett (surrendered 1958) - - - - -	1952	West, George Graham - - - - -	1948
Staggs, Valerie Marie Allan - - - - -	1956	White, Emily Alice - - - - -	1953
Stanley, Raymond John - - - - -	1952	Wiese, Ivo Ray - - - - -	1951
Steinle, John Richard (surrendered 1958) - - - - -	1952	Wilkinson, Stewart Rex (surrendered 1950) - - - - -	1948
Stenson, Peter John - - - - -	1956	Wilksch, Lois Ruth - - - - -	1958
Stewart, Peter McKenzie Gibson - - - - -	1954	Williams, Ruth Jacqueline - - - - -	1949
Stocker, Reginald Henry - - - - -	1953	Williamson, Beth England - - - - -	1949
Stone, Ronald Alexander - - - - -	1958	Wilson, Francis Patrick - - - - -	1948
Stone, Victor Oxford - - - - -	1953	Wilson, Gwendolyn Moore - - - - -	1950
Styles, Colin Ross - - - - -	1958	Winter, Maxwell Hugh - - - - -	1957
Tabor, Barbara - - - - -	1950	Wohlfarth, Joanna Emily Therese - - - - -	1958
Taylor, Beatrice May - - - - -	1948	Woithe, Francis Arnold - - - - -	1951
Taylor, Douglas McLeod (surrendered 1951) - - - - -	1950	Wollaston, Pamela Jill - - - - -	1956
Theobald, Howard Wesley - - - - -	1948	Wood, Eric William Hadley - - - - -	1951
Thomas, Linley - - - - -	1952	Woodards, Eva Narma Cherrington - - - - -	1949
Thomas, Patricia Fay - - - - -	1958	Woods, Donald Peter - - - - -	1951
Thompson, Frank Howard (surrendered 1955) - - - - -	1951	Woods, Rosamond Erica - - - - -	1957
Thompson, Iris Maude - - - - -	1952	Wright, Florence Maude - - - - -	1953
		Young, Donald Lindsay - - - - -	1952
		Young, Joan Margaret - - - - -	1952
		Zimmermann, Diana Wendy - - - - -	1956
		Zoerner, Robert John - - - - -	1951

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Chapter I.—Of the Chancellor and Vice-Chancellor.

1. The Chancellor shall hold office for five years from the date of his election.

*2. The Vice-Chancellor shall hold office until the expiry of twelve calendar months from the date of his election, or until the day preceding that on which he would have retired from the Council if he had not been Vice-Chancellor, whichever is the earlier

• Allowed 22nd April, 1942. Allowed 4th April, 1912.

Chapter Ia.—Of the Deputy Chancellor.

1. The Council may from time to time appoint from amongst its members a Deputy Chancellor.

2. Subject to the University of Adelaide Act 1935-1950, at the request of the Chancellor or in his absence it shall be lawful for the Deputy Chancellor to do any act matter or thing which the Chancellor is ordinarily empowered to do.

3. For that purpose the Deputy Chancellor shall be *ex officio* a member of the Board of Discipline and of all Faculties and also of all Boards of Studies and Committees of which the Chancellor is a member.

Awaiting allowance at time of printing.

Chapter II.—Of the Council.

1. The Council shall meet for the dispatch of business at least once a month.

2. The Chancellor or Vice-Chancellor shall have power to call a special meeting for the consideration and dispatch of business, which either may wish to submit to the Council.

3. The Chancellor or Vice-Chancellor, or in their absence the Registrar, shall convene a meeting of the Council upon the written requisition of four members, and such requisition shall set forth the objects for which the meeting is required to be convened. The meeting shall be held within fourteen days after the receipt of the requisition.

4. The Council shall have power to make, amend, and repeal Standing Orders for the regulation of its proceedings.

Chapter III.—Of the Senate.

*1. The Senate shall meet at the University on the fourth Wednesday in the month of November.

2. The Warden may at any time convene a meeting of the Senate.

3. Upon a requisition signed by twenty members of the Senate, setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.

4. The Senate shall have power from time to time to make, amend and repeal Standing Orders for the regulation of its proceedings. Until amended or repealed the Standing Orders of the Senate adopted on the 2nd December, 1885, shall remain in force.

• Allowed 2nd December, 1926.

Chapter IV.—Of Professors and Lecturers.

*1. There shall for the present be the following Professors, that is to say:

- (1) The Hughes Professor of Classics and Comparative Philology and Literature;
- (2) The Hughes Professor of English Language and Literature and Mental and Moral Philosophy;
- (3) The Elder Professor of Pure and Applied Mathematics;
- (4) The Elder Professor of Physics;
- (5) The Elder Professor of Anatomy and Histology, who shall also give instruction in Comparative Anatomy, and shall be the Director of the Anatomical Museum;
- (6) The Angas Professor of Chemistry;
- (7) The Elder Professor of Music;
- (8) The Bonython Professor of Laws;
- (9) The Professor of Biochemistry and General Physiology;
- †(10) The Professor of History and Political Science;
- §(11) The Professor of Civil Engineering;
- (12) The Professor of Botany;
- (13) The Marks Professor of Pathology;
- (14) The Professor of Geology and Mineralogy;
- (15) The Jury Professor of English Language and Literature;
- (16) The Professor of Zoology;
- †(17) The Waite Professor of Agronomy;
- (18) The Waite Professor of Agricultural Chemistry;
- (19) The Professor of Human Physiology and Pharmacology;
- (20) The Professor of Economics;
- (21) The Waite Professor of Entomology;
- †(22) The Professor of Mining, Metallurgical and Chemical Engineering;
- (23) The Keith Sheridan Professor of Experimental Medicine;
- (24) The Professor of Bacteriology;
- ¶(25) The Professor of French Language and Literature;
- §(26) The Professor of Mechanical Engineering;
- §(27) The Professor of Electrical Engineering;
- †(28) The Professor of Economic Geology;
- ** (29) The Professor of Mathematical Physics;
- ** (30) The Professor of Genetics.

2. There shall be such other Professors and such Lecturers as the Council shall from time to time appoint.

3. Each Professor and Lecturer shall hold office on such terms as have been or may be fixed by the Council at the time of making the appointment.

††4. Whenever sickness or any other cause shall incapacitate any Professor or Lecturer from performing the duties of his office, the Council may appoint a substitute or substitutes to act in his stead during such incapacity; and the Professor or Lecturer during such period shall receive such salary as the Council shall direct.

* Allowed 8th December, 1938.

† Amended 11th December, 1941.

† Amended 8th December, 1949.

§ Allowed 23rd January, 1947.

¶ Allowed 9th December, 1943.

** Allowed 17th January, 1952.

†† Allowed 9th December, 1943.

5. The Council may at its discretion dismiss from his office or suspend for a time from performing the duties and receiving the salary thereof any Professor whose continuance in his office or in the performance of the duties thereof shall in the opinion of the Council be injurious to the progress of the students or to the interests of the University: Provided that no such dismissal shall have effect until confirmed by the Visitor.

6. No Professor shall sit in Parliament or become a member of any political association; nor shall he (without the sanction of the Council) give private instruction or deliver lectures to persons not being students of the University.

7. The Professors and Lecturers shall take such part in the University Examinations as the Council shall direct, but no Professor or Lecturer shall be required to examine in any subject which it is not his duty to teach.

8. During Term, except on Sundays and public holidays, the whole time of the Professors shall be at the disposal of the Council for the purposes of the University: Provided that the Council may for sufficient reason, on the application of any Professor, exempt him altogether, partly, or on particular occasions, from this Statute, and may at pleasure rescind any such exemption.*

* The second clause of Section 8 was allowed 11th June, 1890.

Note.—The Council, acting under the power conferred on it by Clause 2, has established the following professorships:

- (31) Medicine
- (32) Physical and Inorganic Chemistry
- (33) Organic Chemistry
- (34) Dental Science
- (35) History
- (36) Education.
- (37) Architecture.

In establishing separate Chairs in Organic Chemistry and in Physical and Inorganic Chemistry the Council attached the title Angas Professor to Professor D. O. Jordan, holder of the Chair of Physical and Inorganic Chemistry. It has also changed the title of the Chair of Agronomy to Waite Professor of Agriculture.

Chapter V.—Of the Registrar.

*1. There shall be a Registrar of the University, who shall perform such duties as the Council may from time to time appoint.

2. The Council may at any time appoint a deputy to act in the place of the Registrar for such period as they may think fit, and assign to him any of the duties of Registrar.

• Allowed 18th September, 1900.

Chapter VI.—Of Leave of Absence.

The Council may grant to any professor, lecturer, officer or servant of the University leave of absence from the duties of his office for such period, for such purpose, and on such conditions as it shall in each case determine.

Allowed 17th January, 1952.

Chapter VII.—Of the Seal of the University.

1. The Chancellor, the Vice-Chancellor and the Chairman of the Finance Committee shall be the custodians of the University Seal.

2. In the case of certificates for degrees and diplomas the Seal may be affixed in the presence of, and the affixing may be attested by, the Chancellor or the Vice-Chancellor alone.

*3. In all other cases the Seal shall be affixed to documents only by direction of the Council and in the presence of one of the custodians; and the affixing of the Seal shall be attested by the signatures of the custodian in whose presence it was affixed and of the officer who affixed it.

* Allowed 25th August, 1955.

Allowed 22nd January, 1953.

Chapter VIII.—Of Terms.

1. The Academical Year shall be divided into three terms for all the Faculties.

2. The first term shall begin on the tenth Monday in the year, and shall end on the Saturday preceding the twenty-first Monday in the year. Lectures shall begin on the second Monday in term: provided that, with the approval of the Faculty or Faculties concerned, lectures in any subject may begin a week earlier.

3. The second term shall begin on the twenty-third Monday in the year, and shall end on the Saturday preceding the thirty-third Monday in the year.

4. The third term shall begin on the thirty-fifth Monday in the year, and shall end on the Saturday preceding the fiftieth Monday in the year.

5. Candidates are required to enrol for their year's work not later than the seventh Monday in the year. Later entries may be received on payment of a further charge of one guinea† which, however, may be remitted by the Vice-Chancellor for an adequate reason. Application for remission must be made by the candidate in writing, setting out his reasons.

*6. Except in cases approved by the Registrar all fees shall be paid at the time of enrolment: except that fees for tuition during the second and third terms may be paid during the first fortnight of the respective term.

7. The Council shall have power to vary these dates to meet any special circumstances arising in any year.

* Allowed 17th January, 1952.

† Allowed 20th December, 1956.

Allowed 10th January, 1946.

Chapter IX.—Of Matriculation.

1. A candidate for the degree of Bachelor shall be matriculated; and he shall not be admitted to the degree until he has been a matriculated student for nine academic terms.

2. To be eligible for matriculation a candidate shall be not less than sixteen years of age, and shall have fulfilled the educational requirements specified below.

3. For the purpose of matriculation the Leaving Examination shall be the Matriculation Examination, and the subjects available shall be:

Group A: English Literature;

Group B: (i) Latin, Greek, French, German, and such other languages as may be approved for matriculation purposes by the Council on the recommendation of the Matriculation Board;

(ii) Ancient History (i.e. *either* Greek and Roman History *or* Early General History), Modern History, Economic History, Economics, Geography, Music;

Group C: (i) Mathematics, Part I, Mathematics, Part II;

(ii) Physics, Chemistry, Geology, Botany, Physiology, Agricultural Science;

Group D: Arithmetic, Drawing, Book-keeping.

4. (a) To fulfil the educational requirements for matriculation a candidate shall:

(i) pass in at least five subjects from Groups A, B, C and D, including at least one subject from each of Groups B and C; *provided that* if either Mathematics Part I or Mathematics Part II is counted, Arithmetic cannot be counted;

(ii) include in his five subjects, at least one subject from section (i) of either Group B or Group C;

(iii) *either* pass in English Literature as one of the five subjects, *or* satisfy the examiners of his ability to use the language as an instrument of expression.

The qualification in English obtained by a candidate who has satisfied the examiners of his ability to use the language as an instrument of expression shall be designated EgQ, and shall not count as a subject.

(b) The attention of intending candidates is drawn to the fact that, although such requirements do not form part of the general requirements for matriculation, in some first-year subjects at the University either a pass in the corresponding subject at Matriculation standard is prescribed for admission to the class or a knowledge of the subject at Matriculation standard is assumed.

5. A candidate who has fulfilled the requirements for matriculation shall become a Matriculated Student of the University upon his signing, in the presence of the Registrar or other duly appointed person, the following declaration in the Matriculation Roll:

"I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the full age of sixteen years."

Every matriculated student shall pay a fee of three guineas.

6. (a) A candidate who has attained the age of sixteen years and who has not completely fulfilled the requirements specified in clause 4

hereof may be admitted to provisional matriculation for such period and on such conditions as may be determined in each case.

(b) Such provisional matriculation may, before the expiry of the period for which it was granted, be renewed for such further period and on such conditions as may be determined in each case.

(c) A candidate admitted to provisional matriculation shall comply with clause 5 hereof, and shall be deemed, during the period of provisional matriculation, to be a matriculated student of the University.

(d) A candidate admitted to provisional matriculation who fulfils the conditions imposed within the period specified shall thereupon become a matriculated student as from the date on which he signed the Matriculation Roll.

(e) If a candidate admitted to provisional matriculation fails to comply with the conditions imposed within the period specified his matriculation shall thereupon lapse, an entry to that effect shall forthwith be made in the Matriculation Roll, and he shall thereafter be a non-graduating student under Chapter XXIV of the University Statutes.

7. Any other candidate may be admitted to matriculation by the Council on the report of the Matriculation Board.

8. The Board shall consist of the Vice-Chancellor and the Deans of the Faculties. It shall receive applications from candidates (a) who have attained the age of seventeen years and have passed in not fewer than three subjects at the Leaving Certificate Examination at one time; or (b) who present other evidence that they are qualified to enter on a course of study for the degree of Bachelor; or (c) who are over the age of twenty-five years. The Board shall recommend to the Council the conditions, if any, under which such candidates may be admitted to matriculation.

9. Subject to the Statutes and Regulations of the University a candidate for the degree of Bachelor who has become a matriculated student of the University shall be entitled to proceed with his course of study in the Faculty selected by him.

10. If in any academical year the number of matriculated students who apply to begin a course of study in any Faculty is in the opinion of the Faculty greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who in its opinion should be entitled to begin the course of study in that Faculty in that year.

11. (a) A candidate for a degree other than a Bachelor's degree or a degree *ad eundem gradum*, who is not a graduate of the University, shall be matriculated before he enters upon his course of study.

(b) Notwithstanding anything in this Chapter, such a candidate may be matriculated if he has been accepted as a candidate by the appropriate faculty or the Board of Research Studies.

(c) Such a candidate shall comply with clause 5 hereof.

12. Notwithstanding the provisions set out in clauses 3 and 4 above, until March 31, 1961, a candidate may fulfil the educational requirements for matriculation by complying with the requirements specified in clause 3 of the Chapter hereby superseded.

Allowed 14th February, 1957.

NOTES UNDER CLAUSE 4 (B), WHICH DO NOT FORM PART OF THE STATUTE:

1. *Languages other than English*: At least one course in Greek, Latin, French or German forms part of the requirements of the Ordinary degree of Bachelor of Arts. Except with special permission to be obtained in writing from the Registrar, no candidate proceeding to a degree may take the course in Greek I, Latin I, French I or German I until he has passed in the corresponding subject at the Leaving examination or at an examination accepted by the University as equivalent.
2. *Mathematics*: General Mathematics and Applied Mathematics I are compulsory subjects in the Engineering course; further, General Mathematics or Pure Mathematics I will for many candidates be an essential or desirable subject in certain other courses (e.g. Science). Except with special permission to be obtained in writing from the Registrar, no candidate may be admitted to the class in either General Mathematics or Applied Mathematics I until he has passed *either* in Leaving Mathematics Parts I and II and in a special examination in Mathematics held in conjunction with the Leaving examination *or* in an examination accepted by the University as equivalent. For admission to the class in Pure Mathematics I, passes in Leaving Honours Mathematics I and II are required.
3. *Physics and Chemistry*: Although a pass at Leaving standard is not a pre-requisite for admission to the classes in General Physics and Chemistry I, the syllabuses in these subjects pre-suppose a knowledge of Physics and Chemistry at Leaving standard. For admission to the class in Physics I a pass in Leaving Honours Physics is required.
4. *Music*: Harmony III is a compulsory subject in the first year of the course for the degree of Bachelor of Music, and no candidate will be admitted to the class in that subject until he has *either* passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music *or* satisfied the Dean of the Faculty of Music in a special entrance examination in the theory of music of equivalent standard.
5. *Law*: Latin at Leaving standard is pre-requisite for admission to the classes in Roman Law and in Jurisprudence.
6. *Building Science*: The syllabus in this subject pre-supposes a knowledge of Chemistry at Leaving standard.

NOTE UNDER CLAUSE 12:

The educational requirements specified under clause 3 of the superseded Statute were as follows:

In the Faculty of Arts:

Five subjects, including English and either Latin or Greek, at the Leaving Examination; and if Mathematics part i is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Economics:

Five subjects, including English and *either* a language other than English *or* Mathematics I or Mathematics II, at the Leaving Examination; provided that (a) if a language other than

English be not included in the Leaving subjects such a language must have been passed at the Intermediate Examination; and (b) if Mathematics I or Mathematics II be not included in the Leaving subjects, Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Science:

Five subjects, including Mathematics part i, at the Leaving Examination; and if English and one other language are not also included, these subjects must have been passed at the Intermediate Examination.

In the Faculty of Agricultural Science:

Five subjects, including Mathematics part i, at the Leaving Examination; and if English and one other language are not also included, these subjects must have been passed at the Intermediate Examination.

In the Faculty of Engineering:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination; and if a language other than English be not included in the Leaving subjects, such a language must have been passed at the Intermediate Examination.

In the Faculty of Technology:

Five subjects, including English and Mathematics Parts I and II, at the Leaving Examination. A pass in the Special Examination in Mathematics held concurrently with the Leaving Examination is also necessary for admission to the class in Pure Mathematics I.

In the Faculty of Law:

Five subjects, including English and Latin, at the Leaving Examination.

In the Faculty of Medicine:

Five subjects, including English and a language other than English, at the Leaving Examination; if Mathematics I be not passed at the Leaving Examination, Mathematics (two subjects) must have been passed at the Intermediate Examination; and if Physics be not passed at the Leaving Examination it must have been passed at the Intermediate Examination.

In the Faculty of Dentistry:

Five subjects at the Leaving Examination, including Physics and a language other than English; if English be not included in the Leaving subjects it must have been passed at the Intermediate Examination; and if Mathematics Part i be not included in the Leaving subjects Mathematics (two subjects) must have been passed at the Intermediate Examination.

In the Faculty of Music:

A candidate is required (i) to hold the Leaving Certificate, or to have passed in four subjects at the Leaving Examination including English, a language other than English, and either Ancient History or Modern History, and (ii) either to have passed in the Theory of Music at the Seventh Grade of the Public Examinations in Music, or to satisfy the Dean of the

Faculty of Music in a special Entrance Examination in the Theory of Music of equivalent standard.

Chapter X.—Of the Faculties

1. There shall be Faculties of Arts, Science, Law, Medicine, Music, Engineering, Dentistry, Agricultural Science, Economics, Technology, and Architecture and Town Planning.

ARTS.

2. The Faculty of Arts shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Dean of the Faculty of Science; the Bonython Professor of Law; the Elder Professor of Music; the Director of Education; the Principal of the Adelaide Teachers' College.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

SCIENCE.

3. The Faculty of Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Head of each Department within the Faculty recognised as such by the Faculty and the Council; the Deans of the Faculties of Arts, Agricultural Science, Engineering, Medicine and Dentistry.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

LAW.

4. The Faculty of Law shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; all full-time members of the Department of Law; the part-time lecturers in the legal subjects of the curriculum for the degree of

Bachelor of Law; their Honours the Judges of the Supreme Court; the Dean of the Faculty of Arts; the Hughes Professor of Classics; the President of the Law Society of South Australia Incorporated.

- (b) *Appointed members*: (i) Such other persons, whether members of the academic staff of the University or not, but not exceeding five in number, as the Faculty may recommend and the Council approve; and (ii) such other persons, not exceeding three in number, as the Council may appoint.

MEDICINE.

5. The Faculty of Medicine shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Botany and Zoology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Heads of the Departments of Anatomy and Histology, Biochemistry, Physiology, Bacteriology, Pathology, Medicine, Surgery, Obstetrics and Gynaecology; the Reader in Pharmacology; the Reader in Medicine and the Humanities; the part-time lecturers in the Departments of Medicine and Surgery; the part-time lecturers in Gynaecology, Public Health and Preventive Medicine, and Radiology; the Director-General of Medical Services; the Director of the Institute of Medical and Veterinary Science.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer in each of the Departments of Anatomy and Histology, Biochemistry, Physiology, Bacteriology, Pathology, Medicine, Surgery, and Obstetrics and Gynaecology, nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other persons, not exceeding three in number, as the Faculty may recommend and the Council approve; and (iii) such other persons, not exceeding three in number, as the Council may appoint.

MUSIC.

6. The Faculty of Music shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Elder Professor of Music; the Senior Lecturers and Lecturers in Music; the Lecturer in Acoustics; the Dean of the Faculty of Arts; the Lecturer in charge of Music at the Adelaide Teachers' College.
- (b) *Appointed members*: (i) Such teachers of principal subjects in the Elder Conservatorium of Music, not exceeding five in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council may appoint.

ENGINEERING.

7. The Faculty of Engineering shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Heads of the Departments of Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining, Metallurgical and Chemical Engineering, and Architecture; the Heads of the Departments of Mathematics, Physics, Physical and Inorganic Chemistry, Geology and Economic Geology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the President and the Principal of the South Australian School of Mines and Industries.
- (b) *Appointed members*: (i) One Reader, Senior Lecturer or Lecturer from each Department of Engineering nominated by the Head of the Department and approved by the Faculty and the Council; (ii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iii) such other persons not exceeding five in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons not exceeding two in number as the Council may appoint.

DENTISTRY.

8. The Faculty of Dentistry shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Professor of Dental Science; the Heads of the Departments of Prosthetic Dentistry, Conservative Dentistry and Dental Surgery and Pathology; the part-time lecturers in the specifically dental subjects of the curriculum for the degree of Bachelor of Dental Surgery; the Heads of the Departments of Physics, Organic Chemistry, Physical and Inorganic Chemistry, Zoology, Anatomy and Histology, Biochemistry, Physiology, Bacteriology and Pathology, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Professor of Medicine; the Director-General of Medical Services; the Chairman of the Dental Board of South Australia.
- (b) *Appointed members*: (i) Such other members of the teaching staff of the Dental School, not exceeding three in number, as the Faculty may recommend and the Council approve; (ii) such other persons, not exceeding three in number, as the Council on the recommendation of the Faculty may appoint; and (iii) such other persons not exceeding two in number as the Council may appoint.

AGRICULTURAL SCIENCE.

9. The Faculty of Agricultural Science shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Director of the Waite Agricultural Research Institute; the Heads of Departments at the Waite Agricultural Research Institute; the Heads of such other University Departments as are engaged in teaching in the Faculty of Agricultural Science, provided that the Head of any of these Departments may nominate a deputy to serve in his stead; the Dean of the Faculty of Science; the Principal of Roseworthy Agricultural College.
- (b) *Appointed members*: (i) Not more than two members of the staff of Roseworthy Agricultural College, nominated by the Principal and approved by the Faculty and the Council; (ii) not more than two members of the staff of the South Australian Department of Agriculture, nominated by the Director of the Department and approved by the Faculty and the Council; (iii) such other members of the academic staff as the Faculty may recommend and the Council approve, provided that not more than three members of any Department shall be members of the Faculty at the same time; (iv) such other persons not exceeding three in number as the Council on the recommendation of the Faculty may appoint; and (v) such other persons not exceeding two in number as the Council may appoint.

ECONOMICS.

10. The Faculty of Economics shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the Bonython Professor of Law; all full-time members of the Departments of Economics and of Commercial Studies; the Heads of the Departments of History, History and Political Science, and Geography.
- (b) *Appointed members*: (i) Two members of the part-time teaching staff of the Department of Commercial Studies nominated by the Head of the Department and approved by the Faculty and the Council; (ii) one member from each of the Departments of History, History and Political Science, and Geography nominated by the Head of the Department concerned and approved by the Faculty and the Council; (iii) such other persons not exceeding six in number as the Council on the recommendation of the Faculty may appoint; and (iv) such other persons being members of the Council not exceeding two in number as the Council may appoint.

TECHNOLOGY.

11. (1) The Faculty of Technology shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee of the Univer-

sity; the President, the Vice-President and the Principal of the South Australian School of Mines and Industries.

- (b) *Appointed members*: (i) Six members appointed by the Council of the University on the recommendation of the Education Committee; and (ii) six members appointed by the Council of the South Australian School of Mines and Industries.

- (2) Notwithstanding the provisions of Clauses 15 and 18 below until December 31, 1961, when this provision will be reviewed, the Dean of the Faculty of Technology (or the Chairman for the occasion) shall be elected from the members appointed by the University Council.

ARCHITECTURE AND TOWN PLANNING.

11A. The Faculty of Architecture and Town Planning shall consist of:

- (a) *Ex officio members*: The Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Deans of the Faculties of Arts, Science and Engineering; the Professors of Architecture and Civil Engineering; the Head of the Department of Mathematics; all full-time members of the Department of Architecture of the status of lecturer or above.
- (b) *Appointed members*: (i) Such persons, not exceeding four in number, as the Faculty may recommend and the Council approve; (ii) such other persons, being members of the Council and not exceeding two in number, as the Council may appoint.

GENERAL.

12. Appointed members of a Faculty shall hold office until the end of the calendar year for which they are appointed but shall be eligible for re-appointment.

13. Whenever a Faculty has an assistant to the Dean, such Assistant shall be a member of the Faculty but shall not count as a member of a Department for the purpose of limitation of the number of members of a Department who may be members of the Faculty.

14. Each Faculty shall advise the Council on all questions touching the studies, lectures and examinations in the course of the Faculty.

15. Each Faculty shall annually elect one of their number to be Dean of the Faculty.

16. The Dean of each Faculty shall perform such duties as may from time to time be prescribed by the Council and (amongst others) the following:

- (a) At his own discretion, or on the written request of the Chancellor or the Vice-Chancellor or of two members of the Faculty, he shall convene meetings of the Faculty.
- (b) He shall preside at all meetings of the Faculty at which he shall be present.
- (c) Subject to the control of the Faculty he shall exercise a general superintendence over the Faculty's administrative business.

17. If the Dean be not available or be unable to act the Vice-Chancellor or the Chairman of the Education Committee may convene a meeting of the Faculty or in the case of emergency arrange for some other member of the Faculty to act for the Dean.

18. When the Dean is absent from a meeting, the Faculty shall elect a Chairman for that occasion.

SUB-FACULTIES.

19. (a) The Faculties of Arts, Science and Engineering may each appoint a sub-Faculty, which shall consist of the Dean of the Faculty, and such Readers, Senior Lecturers and Lecturers in subjects of the curriculum of the Faculty as the Faculty may from time to time appoint.

(b) If the Dean of the Faculty does not wish to act as Chairman of the sub-Faculty, the Faculty shall annually appoint the Chairman.

(c) It shall be the duty of the sub-Faculty to perform such work as the Faculty may from time to time refer to it.

BOARD OF EXAMINERS.

20. The Board of Examiners in the subjects of the course of each Faculty shall consist of the Professors and Lecturers in those subjects, together with such examiners as may be appointed by the Council.

21. The appointment of examiners in Law in the subjects necessary for admission to the Bar shall be subject to approval by their Honours the Judges of the Supreme Court.

Allowed 20th December, 1956.

Chapter XI.—Of Degrees.

1. Candidates who shall have fulfilled all the conditions prescribed by the Statutes and Regulations for any Degree shall be admitted to that Degree as hereinafter provided.

†1A. The fee for admission to any degree of Bachelor, whether Ordinary or Honours, shall be five guineas, provided that that fee shall cover both degrees of Bachelor of Medicine and Bachelor of Surgery.

*2. Admission *ad eundem gradum* in the University may, at the discretion of the Council, be granted without examination to graduates of such Universities within the British Empire as the Council may from time to time approve. Such admission may also be granted to graduates of other Universities, provided that such graduates are, in the opinion of the Council, persons of distinguished merit or eminence, or have been appointed to any academic office in the University of Adelaide. Provided always that any applicant under this Statute shall give such evidence of his degree and his character as shall satisfy the Council.

3. Every candidate for admission to a Degree in the University shall be presented by the Dean of his Faculty at a meeting of the Council and Senate to be held at such time as the Council shall determine; but if the Council so approve any candidate may be admitted either *in absentia* or on attendance at a meeting of the Council only.

* Allowed 8th December, 1938.

† Allowed 17th January, 1952.

*4. Any person who has completed the whole or part of his undergraduate course in a University or College recognised by the University of Adelaide may, with the permission of the Council, be admitted *ad eundem statum* in the University of Adelaide; provided that he shall give such evidence of his status and of his character as shall satisfy the Council.

5. Candidates who are admitted to a degree *ad eundem gradum* shall pay a fee of five† guineas, and candidates admitted *ad eundem statum* shall pay a fee of four† guineas, which shall include the fee for matriculation.

6. The following shall be the forms of Presentation for Admission to Degrees at the Annual Commemoration:

Form of Presentation for Students of the University of Adelaide.

Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council and Senate of the University of Adelaide.

I present to you as a fit and proper person to be admitted to the Degree of And I certify to you and to the whole University that he has fulfilled the conditions prescribed for admission to that Degree.

Form of Presentation for Graduates of Other Universities.

Mr. Chancellor, Mr. Vice-Chancellor, and Members of the Council and Senate of the University of Adelaide.

I present to you who has been admitted to the Degree of in the University of as a fit and proper person to be admitted to the rank and privileges of that degree in the University of Adelaide.

Form of Admission to any Degree.

By virtue of the authority committed to me, I admit you to the rank and privileges of a in the University of Adelaide.

Form of Admission to any Degree during the Absence of a Candidate.

By virtue of the authority committed to me, I admit in his absence to the rank and privileges of a in the University of Adelaide.

Allowed 2nd December, 1926.

* Allowed 8th December, 1938. † Allowed 18th October, 1956.

Chapter XII.—Of the Board of Discipline.

*1. There shall be a Board of Discipline, consisting of the Chancellor, the Vice-Chancellor, the Deans of the several Faculties, and such Professors or Lecturers as may be appointed by the Council.

2. The Board shall annually elect a Chairman. When the Chairman is absent from a meeting, the Board shall elect a Chairman for that occasion.

3. The Chairman shall perform such duties as shall from time to time be prescribed by the Council, and (amongst others) the following:

* Amended 22nd January, 1953.

He shall at his own discretion, or upon the written request of the Chancellor or Vice-Chancellor, or of two members of the Board, convene meetings of the Board.

He shall preside at the meetings of the Board.

Subject to the control of the Board, he shall exercise a general control over the discipline of the University.

4. Subject to the approval of the Council, the Board may make rules for the conduct of students of the University.

5. It shall be the duty of the Board to inquire into any complaint against a student, and the Board shall have power

- (a) to dismiss such complaint;
- (b) to take action in one or more of the following ways—
 - (i) by admonishing the student complained against;
 - (ii) by inflicting a fine on such student not exceeding five pounds;
 - (iii) by administering a reprimand either in private or in the presence of any class attended by such student;
 - (iv) by excluding such student, for such term as the Board may think fit, from any course of instruction in, or from any lectures of, the University, or from any examination;
 - (v) by excluding such student, for such term as the Board may think fit, from any place of study or recreation in the University, or from the premises of the University;
- (c) to expel such student from the University.

Every such decision of the Board shall be reported to the Council, who may reverse, vary, or confirm the same.

6. Any Professor or Lecturer may dismiss from his class any student whom he considers guilty of impropriety, but shall on the same day report his action and the ground of his complaint to the Chairman.

Allowed 2nd December, 1926.

Chapter XIII.—Of The Angas Engineering Scholarship and the Angas Engineering Exhibitions.

Whereas on the 4th day of January, 1878, the Honourable John Howard Angas, M.L.C., paid the sum of £4,000 to the University for the purpose of permanently founding (with the income thereof and the annual grant payable in respect thereof under the Fifteenth Section of the Adelaide University Act), the Angas Engineering Scholarship and the Angas Engineering Exhibitions, to encourage the training of scientific men, and especially Engineers, with a view to their settlement in South Australia: Now it is hereby provided as follows:

A. The Angas Engineering Scholarship.

†1. There shall be a scholarship called The Angas Engineering Scholarship of the value of £400, with an additional allowance of £100 for travelling expenses.

† Allowed 23rd January, 1947.

‡1A. The tenure of the scholarship shall normally be for two years, but if the scholar wishes to follow an approved course of study or research work at a University the Council may allow the whole value of the scholarship to be paid to the scholar in a shorter period than two years.

2. Each candidate for the scholarship must be under twenty-five years of age on the first day of the month in which he shall compete for it, and must have resided in South Australia for at least five years. He shall produce such evidence of good health as shall be satisfactory to the Council.

3. Candidates for the scholarship must have graduated in Arts or Science, or have passed all the examinations necessary for graduating in Engineering at the University of Adelaide.

4. The scholarship shall be competed for biennially, in the month of June. If on any competition the examiners shall not consider any candidate worthy to receive it, the scholarship shall for that year lapse, but shall be again competed for in the month of June next ensuing.

5. The scholarship shall be awarded by the examiners on a comparison of the academic records of the candidates, and also on the merits of an original thesis, design, or investigation, as set forth in the next paragraph.

†Each candidate for the scholarship must send in to the examiners, on or before 1st June of the year in which the competition is held, either an original engineering thesis or design, or a paper setting forth the results of an original scientific investigation made by the candidate in some subject allied to engineering. The subject of the thesis, design, or investigation, must have been submitted at least two months previously to the Faculty of Engineering, and approved by it. Each candidate must adduce, if required, sufficient evidence of the authenticity of his thesis, design, or investigation. He may, if the examiners think fit, be required to pass an examination in that branch of the work from which the subject of his thesis, design, or investigation, is taken.

*Either the original or an approved copy of each thesis, design, or report of an investigation submitted by a successful candidate for the scholarship shall be deposited by the scholar in the University library before payment of any portion of the scholarship is made.

6. Within such time after gaining the scholarship as the Council shall in each case allow, the scholar shall proceed to the United Kingdom and there spend the whole of the time during which the scholarship is tenable in gaining engineering knowledge and experience in such a manner as may be approved by the Council; provided that the scholar may by special permission of the Council spend the whole or part of his time in study or practical training outside the United Kingdom.

† Allowed 6th December, 1922, and amended 15th December, 1937.

* Allowed 30th November, 1933.

‡ Allowed 23rd January, 1947.

7. The allowance for travelling expenses shall be paid to the scholar upon approval of his proposed date of departure. Payment of the balance of the scholarship shall be made quarterly, at the office of the Agent-General in London, or at such other place or places as the Council shall from time to time direct, subject after the first payment to the previous receipt of satisfactory evidence of good behaviour and continuous progress in Engineering studies, according to the course proposed to be followed by the scholar.

8. Whenever such evidence is not satisfactory, the Council may altogether withhold, or may suspend for such time as it may deem proper, payment of the whole or of such portion as it may think fit of any moneys due, or to accrue due, to the scholar on account of the scholarship, or may deprive him of his scholarship.

9. Should any successful candidate not retain the scholarship for the full period of two years, notice of the vacancy shall be published by the Council in the Adelaide daily papers, and an examination shall be held in the month of June next ensuing.

B. The Angas Engineering Exhibitions.*

10. There shall be four Angas Engineering Exhibitions, of which one may be awarded each year. Each exhibition shall be of the annual value of Fifteen Pounds, and be tenable for four years.

11. (a) One Angas Engineering Exhibition shall be offered for competition in the month of November or December of each year, and shall be awarded on the results of candidates at the Leaving Examination in such subjects as may be prescribed by the Council from time to time; but no award shall be made unless there is a candidate of sufficient merit.

(b) A candidate for an exhibition shall enter for it on a form to be obtained from the Registrar, not later than the first day of October in the year of competition.

(c) A candidate who fails to enter by the prescribed date may be permitted to do so later on payment of a fee of 5/-, provided that no entry shall be accepted later than seven days before the first day of the Leaving Examination.

12. A candidate shall not be more than eighteen years of age on the 31st December in the year in which the examination is held, and, before being awarded an exhibition, shall have fulfilled the requirements for matriculation in the Faculty in which he desires to enrol.

13. (a) Each exhibitioner shall, within such time as may be approved in each case, enrol himself as a matriculated student in Engineering or Science at the University of Adelaide, and shall thenceforward prosecute continuously and with diligence his studies for the Degree of Bachelor of Engineering or Bachelor of Science.

(b) At the time of enrolment each year the exhibitioner shall submit his proposed course of study for approval by the appropriate officer of the Faculty concerned; and he shall not undertake, either in the University or elsewhere, studies not so approved.

* Allowed 25th August, 1955.

(c) The exhibition shall be forfeited if the holder fail to make satisfactory progress in any year, unless such failure shall, in the opinion of the Council, have been caused by ill-health or other unavoidable cause. The decision of the Council as to such forfeiture shall be final.

14. Payment of an exhibition shall be made in three equal instalments, one at the beginning of each academic term, but payment shall not be made to any exhibitor whose conduct and diligence as a student throughout the preceding term have not been satisfactory to the Council. The decision of the Council on any such question shall be final.

15. Except by permission of the Council, an exhibitor shall not hold concurrently with his exhibition any other exhibition, bursary, or scholarship.

C. General.

16. The sum of £4,000, paid to the University as aforesaid by the said John Howard Angas, shall be invested in such a manner as to entitle the University to the annual grant, equal to five pounds per centum per annum thereon, under the fifteenth section of the Adelaide University Act. The income (including such grant) to be derived from the said sum, or so much of such income as shall be sufficient, shall be applied in paying the said scholarship and exhibitions, and so much of such income as in any year shall not be so applied shall be at the disposal of the Council for the purposes of the University.

17. These Statutes may be varied from time to time, but the title and general purpose of the scholarship and exhibitions shall not be changed.

Allowed 6th December, 1922.

Chapter XIV.—Of The John Howard Clark Prize and the John Howard Clark Scholar.

Whereas the University of Adelaide has received and has invested the sum of £500 for the purpose of perpetuating the name of John Howard Clark: And whereas it was agreed with the donors that the word "income" in these Statutes should include not only the interest to accrue from the said sum, but grants to be received from the Government in respect thereof:

It is hereby provided that:

1. There shall be an annual prize, to be called The John Howard Clark Prize, which shall consist of one-half the annual income of the fund received by the University as aforesaid.

2. The prize shall be awarded to the candidate for the Honours Degree of Bachelor of Arts who shall have been placed highest in the final examination in the school of English Language and Literature, and shall be judged by the examiners to have reached a sufficient standard.

3. If more than one candidate shall be considered by the examiners to have attained a standard worthy of the prize, the name of the second in order of merit shall be reported to the Council.

4. If the examiners shall consider no candidate worthy of the prize, they shall so report, and no award shall be made for that year; but there shall not, by reason of that lapse, be more than one prizeman in the following year.

*5. The prizeman will be required to proceed to the degree of Master of Arts by submission of a satisfactory thesis on a subject connected with the English language or with English literature and approved by the Faculty of Arts. The subject must be submitted for approval by the Faculty not later than the first day of April following the award; and the thesis must be submitted not later than the last day for submitting M.A. theses in the second year following that of the award, or such extended time as the Council in special circumstances may allow. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts, the prizeman shall deposit an approved copy of it in the University library; he shall then receive a further payment of one-half of the income available from the fund, and shall be granted the title of "John Howard Clark Scholar." If the thesis be not accepted as fulfilling the requirements for the degree of Master of Arts, such payment and such title shall be withheld.

6. The prizeman may at any time during the year following the original award be called upon by the Council to give proof that he is devoting himself to the study of Literature, with a view to producing a sufficient thesis. If he fails to give such proof when called upon, or if in any respect he fails to comply with the conditions of these Statutes or to comport himself to the satisfaction of the Council, he may, by resolution of the Council, be deprived of all further rights as prizeman. In such case, or in case of resignation by the prizeman of his rights, the candidate who was placed second to him in the original award may be allowed, on such conditions as the Council may approve, to prepare and present a thesis and to qualify for the title of scholar.

Allowed 2nd December, 1926.

* Allowed 3rd January, 1935.

Chapter XV.—Of The Stow Prizes and Scholar.

Whereas a sum of Five Hundred Pounds was subscribed with the intention of founding prizes in memory of the late Randolph Isham Stow, sometime one of the Justices of Her Majesty's Supreme Court of this Province: And whereas the said sum was paid to the University for the purpose of establishing the prizes hereinafter mentioned: It is hereby provided:

1. That there shall be annual prizes, to be called The Stow Prizes.

2. Each of such prizes shall consist of the sum of fifteen pounds, or (at the option of the prizeman) of books to be selected by him of the value of fifteen pounds.

*3. A Stow Prize may be awarded to any candidate for the LL.B. Degree, who, at any November Examination, in the opinion of the Board of Examiners shall have shown exceptional merit in not less than two subjects.

Allowed January, 1899.

* Allowed 12th December, 1907.

4. Not more than four Stow Prizes may be awarded in any one year.
5. Every Bachelor of Laws, who shall during his course have obtained three Stow Prizes, shall receive a gold medal, and shall be styled Stow Scholar.

Allowed January, 1899.

Chapter XVIa.—Of the Everard Scholarship.

Whereas the late William Everard has bequeathed to the University the sum of £1,000 for the purpose of founding a scholarship in connection with the medical school, such scholarship to be called by his name; it is hereby provided as follows:

1. A scholarship, to be called The Everard Scholarship, shall be offered for competition annually.
2. The value of the scholarship shall be Thirty Pounds, and shall be paid to the scholar in one sum.
3. The scholarship shall be awarded to the student who, being neither a graduate in medicine of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has been placed highest amongst such eligible candidates in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if in the opinion of the Board of Examiners there is a candidate of sufficient merit.

Allowed 16th June, 1949, and amended 8th December, 1949.

Chapter XVIIb.—Of The Eric Smith Scholarship.

Whereas in the year 1879 the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) paid to the University the sum of £150 for the purpose of establishing the scholarship hitherto known as The Commercial Travellers' Association Scholarship; and whereas, through the liberality of Sir Edwin Smith, the Association has been enabled to pay to the University the further sum of £500 for the purpose of extending the benefits conferred by the scholarship, and has requested the University to change the name of the scholarship to The Eric Smith Scholarship, in memory of Lieutenant Eric Wilkes Smith, a grandson of Sir Edwin, who was mortally wounded in the attack upon the Dardanelles on April 25, 1915: Now it is hereby provided as follows:

1. A scholarship, to be called The Eric Smith Scholarship, shall be awarded by the University on the nomination of the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).
2. The scholar must, prior to the award, have satisfied the requirements of the University for entrance upon the degree course which he proposes to take at the University.
3. The scholar shall be exempt from all University fees, including the fees payable on taking the degree, in the course of study he selects.

4. The scholar shall be in all respects subject to the discipline and to the statutes and regulations for the time being, of the University.

5. Save by permission of the Council of the University, the scholar shall not retain the scholarship for a longer period than that reasonably required in the opinion of the Council for proceeding to the degree in the course selected.

6. The Association may at any time, with the permission of the Council of the University, substitute another student for the then holder of the scholarship, and the privileges of the then holder shall thereupon be at an end.

7. The University shall pay the fees at the School of Mines for any scholar taking a degree in engineering, and the fees at the Adelaide Hospital for any scholar taking a degree in Medicine, provided that if such fees be increased at any time it shall not be obligatory upon the University to pay the amount of the increase.

This statute may be varied from time to time, but the title and the purpose of the scholarship shall not be changed.

Allowed 10th December, 1915.

Chapter XVIc.—Of The Archibald Mackie Bursary.

Whereas the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated) has paid to the University the sum of £100 for the purpose of founding a bursary in memory of Archibald Mackie, formerly Secretary of the Association: Now it is hereby provided as follows:

1. A bursary, to be called The Archibald Mackie Bursary, shall be awarded by the University to any person nominated from time to time by the South Australian Commercial Travellers' and Warehousemen's Association (Incorporated).

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. The bursar shall be in all respects subject to the discipline and to the statutes and regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Association may, at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

This statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 10th December, 1915.

Chapter XVII.—Of Conduct at Examinations.

A candidate must not during any examination whatever:

- (a) have in his or her possession any book or notes or any other means whereby he or she may improperly obtain assistance in his or her work; or

- (b) directly or indirectly give assistance to any other candidate; or
- (c) permit any other candidate to copy from or otherwise use his or her papers; or
- (d) directly or indirectly accept assistance from any other candidate; or
- (e) use any papers of any other candidate; or
- (f) by any other improper means whatever obtain or endeavour to obtain, directly or indirectly, assistance in his work, or give or endeavour to give, directly or indirectly, assistance to any other candidate; or
- (g) be guilty of any breach of good order or propriety.

Any candidate who shall be guilty of a breach of any of the provisions of this regulation shall lose that examination; and, if detected at the time, shall be summarily dismissed from the examination room; and shall be liable to such further punishment, whether by exclusion from future examinations or otherwise, as the Council may determine.

Allowed 3rd January, 1907.

• Allowed 2nd December, 1926.

Chapter XVIII.—Of Academic Dress.

1. At all lectures, examinations, and public ceremonies of the University, graduates and undergraduates shall appear in academic dress.

2. The academic dress for undergraduates shall be a plain black stuff gown and trencher cap.

3. The academic dress for graduates shall be:—

GOWNS.

- (a) *For Bachelors*: of black stuff or silk and of the same style as used at Cambridge for the degree of Bachelor of Arts.
- (b) *For Masters*: of black cloth or silk and of the same style as used at Cambridge for the degree of Master of Arts.
- (c) *For Doctors of Philosophy*: of black cloth or silk faced with scarlet, and of the same style as used at Cambridge for the degree of Doctor of Philosophy.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and of the same shape as used at Cambridge (point at bottom of sleeves) faced and sleeve lined with silk the colour of the Faculty. The undress gown of a Doctor shall be black and of the same shape as the gown for a Master but with black lace around the arm-holes.

HOODS.

- (a) *For Bachelors*: of black silk or stuff and partly lined with silk six inches wide of the colour of the Faculty.
- (b) *For Masters*: of black silk and entirely lined with silk of the colour of the Faculty.
- (c) *For Doctors of Philosophy*: of black silk entirely lined with scarlet.
- (d) *For Doctors* (other than of Philosophy): of scarlet cloth and entirely lined with silk of the colour of the Faculty.

- (e) In each case the shape shall be that used at Cambridge.
- (f) In each Faculty the colour of the lining shall be uniform for the degrees of Bachelor, Master, and Doctor.
- (g) The colour of the lining in the several Faculties shall be, in accordance with the specimens given in Ridgway's *Colour Standards and Nomenclature*, as follows:—
 - (i) Law—Sky Blue (Plate XX).
 - (ii) Medicine—Eosine Pink (Plate I).
 - (iii) Surgery—Eosine Pink (Plate I).
 - (iv) Dental Surgery—Salmon Colour (Plate XIV).
 - (v) Arts—Pale Violet Gray (Plate LII).
 - (vi) Science—Primuline Yellow (Plate XVI).
 - (vii) Agricultural Science—Orange Chrome (Plate II).
 - (viii) Engineering—Purple (True) (Plate XI).
 - (ix) Music—Cendre Green (Plate VI).
 - (x) Economics—Helvetia Blue (Plate IX).
 - *(xi) For the degree of Bachelor of Medical Science—Carmine (Plate I).
 - †(xii) Technology—Spectrum Violet (Plate X).

CAPS.

For undergraduates, Bachelors, Masters, Doctors of Philosophy and other Doctors wearing Undress Gowns, a black cloth trencher cap with black silk tassel. The cap to be worn with a Doctor's scarlet gown shall be the Doctor's bonnet of black velvet as worn at Cambridge.

The colour of scarlet for gowns and hoods shall be that defined as "Scarlet" in Plate I of Ridgway's *Colour Standards and Nomenclature*.

4. The academic dress for the Chancellor and the Vice-Chancellor shall be as approved by the Council from time to time.

5. The academic dress for members of the Council, Boards and Faculties who are not graduates shall be a plain black silk gown and black cloth trencher cap with black silk tassel.

6. Any member of the Senate who has been admitted *ad eundem gradum* may at his option wear the academic dress appropriate to the degree by virtue of which he has been so admitted.

7. A graduate who was admitted to his degree before the allowance of this Statute may continue to wear the academic dress prescribed under the Statute previously in force.

* Allowed 25th August, 1955.

† Allowed 20th December, 1956.

Allowed 8th December, 1949.

Chapter XIX.—Saving Clause and Repeal.

1. The Chancellor, Vice-Chancellor, Professors, Lecturers, Registrar, and other officers of the University at the time of the allowance and counter-signature by the Governor of these statutes shall have the

same rank, precedence, and titles, and hold their offices by the same tenure, and upon and subject to the same terms and conditions, and (save the Chancellor and Vice-Chancellor) receive the same salaries and emoluments, and be subject to dismissal from their offices and suspension for a time from performing the duties and receiving the salaries thereto as if these statutes had not been made.

2. From and after the allowance and countersignature by the Governor of these statutes there shall be repealed:—

The statutes allowed and countersigned by the Governor on each of the undermentioned days, viz.:—

1. The 28th day of January, 1876.
2. The 7th day of November, 1881.
3. The 12th day of December, 1882.
4. The 16th day of September, 1885.

And the Regulations allowed and countersigned by the Governor on the 21st day of August, 1878.

Provided that —

1. This repeal shall not affect —

- (a) Anything done or suffered before the allowance and countersignature by the Governor of these statutes under any statute or regulation repealed by these statutes; or
- (b) Any right or status acquired, duty imposed, or liability incurred by or under any statute hereby repealed; or
- (c) The validity of any order or regulation made under any statute or regulation hereby repealed; and

2. In particular, but without prejudice to the generality of the foregoing provisions, the repeal effected by these statutes shall not alter the rank, precedence, titles, duties, conditions, restrictions, rights, salaries, or emoluments attached to the Chancellorship or Vice-Chancellorship or to any Professorship, Lectureship, Registrarship, or other office held by the present Chancellor or Vice-Chancellor, or by any existing Professor, Lecturer, Registrar, or other officer.

Allowed 18th December, 1886.

Chapter XX.—Of The Roby Fletcher Prize.

Whereas a sum of £160 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Rev. William Roby Fletcher, M.A., formerly Vice-Chancellor of the University, it is hereby provided that —

*The Roby Fletcher prize shall be £10 and shall be awarded annually to the best matriculated or graduate student in Psychology, as prescribed for the degree of Bachelor of Arts, provided he is of sufficient merit.

* Amendment allowed 22nd December, 1955.

Allowed 7th December, 1939.

Chapter XXI.—Of The Dr. Davies-Thomas Scholarships.

Whereas Mrs. Davies-Thomas has given the sum of £400† for the present purpose of founding two scholarships to be called after the late Dr. Davies-Thomas, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these Statutes, it is hereby provided that in consideration of the receipt by the University of the above-mentioned sum:—

1. The scholarship shall be called the Dr. Davies Thomas Scholarships, and shall be competed for annually.

*2. Each scholarship shall be of the value of £10, and shall be awarded to the student in each of the Third and Fifth Examinations of the M.B., B.S. course who shall be placed first in the list of candidates who pass with distinction.

†3. The money shall be paid to the scholars at the next ensuing Commemoration.

4. These Statutes may be varied from time to time.

* Allowed 20th December, 1956. † Allowed 26th January, 1898.

Allowed 15th December, 1896.

‡ Increased in 1934 to £600.

Chapter XXII.—Of The Hartley Studentship.

Whereas the sum of £600 has been subscribed with the intention of founding a studentship in memory of the late John Anderson Hartley, Vice-Chancellor of the University of Adelaide, and Inspector-General of Schools, and whereas the said sum has been paid to the University of Adelaide to be used and administered by it in fulfilment of such intention, and the University has decided in recognition of the services of the said John Anderson Hartley to the said University from its foundation until his lamented death in 1896 to supplement the income from the said sum, so as to give effect to the following scheme, it is hereby provided as follows:—

*1. There shall be a studentship, to be called The Hartley Studentship, of the value of £25, open for competition every year to students intending to enter upon the course for the B.A., **B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree.

†2. The Hartley Studentship shall be awarded in each year to the most successful candidate at the Leaving Honours Examination, provided that, in the opinion of the examiners, he is of sufficient merit.

§The award shall be determined by adding together the marks obtained in not more than five subjects of the Leaving Honours Examination.

3. The subjects for such examination and their relative value shall be from time to time determined by the Council.

*4. Every Hartley Student shall forthwith, after the award of the studentship, commence his course, and shall diligently prosecute his studies for the B.A., **B.Ec., B.Sc., B.E., LL.B., M.B., and B.S., †B.D.S., or Mus. Bac. degree. Half the amount of the studentship shall

* Allowed 24th December, 1913.

† Allowed 7th December, 1927.

‡ Allowed 13th December, 1917.

§ Allowed 6th December, 1923.

** Allowed 22nd January, 1953

be paid when the student enters upon the course he has selected, and the other half when he has completed his first year, if, in the opinion of the Council, the student has done satisfactory work in that year. But if the Council shall decide, on the recommendation of the Faculty governing his course, that his work has not been satisfactory, the second payment may be suspended on such terms as the Council may decree, or may be declared forfeited.

5. These provisions shall be subject to alteration from time to time, in such manner as to the University shall seem fit.

Allowed 7th December, 1911.

Chapter XXIV.—Of Non-Graduating Students.

*1. Upon such terms and conditions and upon payment of such fees as the University or the Council prescribe, any person wishing to become a non-graduating student in the University or in any School therein may be admitted to any lectures, tuition, or examinations; and, if required, shall sign his or her name in a roll book, or upon a separate form, to the following declaration, or to such other similar declaration as the Council shall prescribe for non-graduating students generally, or for some of them:

"I do solemnly promise that I will faithfully obey all existing and future Statutes, Regulations and Rules made or approved by the University of Adelaide or the Council thereof in force from time to time, so far as they may apply to me; and that I will properly demean myself and respectfully submit to and obey the constituted authorities appointed by the said University; and I declare that I believe myself to have attained the full age of sixteen years."

Provided that any student who has signed the Matriculation Roll under a grant of provisional matriculation which has subsequently lapsed shall be deemed to have complied with this clause.

Every non-graduating student shall, on signing the Non-Graduating Roll, pay a fee of two guineas.

2. Except when otherwise provided non-graduating students shall pay the same fees and be subject to the same Statutes, Regulations, and Rules regulating discipline and conduct as undergraduates.

3. From and after the allowance and countersignature by the Governor of these Statutes there shall be repealed hereby the Statutes, chapter XXIV, "Of Non-Graduating Students," allowed by the Governor on the twenty-seventh day of December, in the year 1899; but such repeal shall not affect:

Anything done or suffered, any right or status acquired, duty imposed or liability incurred under the repealed statutes.

†4. No subject passed by a student as a non-graduating student may later be counted towards a degree unless the examination be again passed, provided that in special cases the Council may, on the recommendation of the Faculty concerned, make such concession as it

* Allowed 11th December, 1941, and amended 20th December, 1956.

† Allowed 3rd January, 1929, and amended 22nd January, 1953.

Allowed 7th December, 1904.

thinks fit; but nothing in this clause contained shall interfere with the operation of Regulation †10 of the Degree of Bachelor of Laws and of the Final Certificate in Law.

Chapter XXV.—Miscellaneous.

1. In any Statute or Regulation unless there is something in the context repugnant to such construction words importing the masculine gender or singular number shall be construed to include the feminine and plural respectively and *vice versa*.

‡1A. (1) Notwithstanding anything contained in any Statute or Regulation of the University, or in any rules made by the Council, the following provisions shall apply to any moneys held by the University by way of endowment of any scholarship, studentship, exhibition, prize, lectureship or the like.

(2) All or any of the funds, so held as aforesaid, may be amalgamated for the purposes of investment, and held in a common fund, and the net income earned by the common fund shall be credited, ratably, to the funds so amalgamated: Provided that any fractional part of the income of the common fund, which cannot conveniently be distributed in the year in which it is earned, may, by direction of the Council, be carried to a suspense account, and held in reserve or applied to the equalization of income, as the Council may from time to time determine.

(3) If the whole of the income earned by or credited to any particular fund is not expended or appropriated in the year following that in which it is credited, it shall be added to the capital of the fund, but (subject to any express provision contained in the Statute, Regulation, or rules relating to the particular case) any income so added may be applied to the purposes of the endowment, as the Council may at any time determine, as if it had been the income of the year in which it is so applied.

2. Statutes and Regulations relating to Scholarships, Studentships, Exhibitions, or Prizes may be varied from time to time, unless the founders have expressly stipulated to the contrary.

*2A. Every candidate for an examination, degree, diploma, scholarship, exhibition, studentship or prize shall enter his name on the prescribed form with the Registrar not later than a date fixed by the Council and published in the Calendar or by advertisement. Later entries may be received on payment of an additional fee of ten shillings which, however, may be remitted by the Vice-Chancellor for an adequate reason; but no entry shall be received within seven days of the examination except with the express approval of either the Dean of the Faculty concerned or the Vice-Chancellor.

‡2B. Whenever an essay or thesis is accepted for the award of a University prize or scholarship, or for admission to a higher degree, and it is provided by statute or regulation that a copy thereof shall be deposited in the University Library, the successful candidate shall

* Allowed 11th December, 1947, and amended 18th October, 1956.

† Allowed 11th December, 1947, amended 15th January, 1959.

‡ Allowed 11th November, 1954.

lodge with the Registrar one copy, or in the case of a candidate for the degree of Doctor of Philosophy, two copies, of such essay or thesis prepared in accordance with the following conditions:

- (a) Unless otherwise specially approved, all script shall be typed or printed on paper of quarto or foolscap size, but maps, drawings, photographs or other illustrations may be of any size or form approved. In both cases the necessary approval may be granted by the University Librarian.
- (b) The essay or thesis shall be bound, and the cover shall be entitled and lettered in accordance with specifications to be supplied by the Librarian.

The copy or copies so submitted shall be transmitted by the Registrar to the Librarian to be placed in the University Library.

‡3. In all cases where an age limit is not fixed by the Regulations, persons who shall pass the same examination more than once shall not be qualified to receive any scholarship, exhibition, medal, prize, or other similar reward in respect of that examination save on the first occasion of their being examined.

‡3A. No person shall be admitted to a degree examination in which he has already passed at this University, except by special permission of the Council.

‡‡3B. A person excluded from a course through failure in that course may not enrol for the same course, or for a course in another Faculty or Board of Studies which in the opinion of the Council is substantially the same in content, except with the permission of the Council.

*4. Wherever, in the Statutes or Regulations of the University, a time limit or an age limit is imposed, the Council shall have power to add or deduct or allow for the period spent in war service by any candidate, but may impose such conditions or modifications as may seem good to the Council in each case.

‡4A. On the advice of the appropriate Faculty or Board, the Council may make special provision for any candidate for a degree or diploma who has been engaged in war service, by altering the conditions prescribed for entrance on his course of study, by altering the fees, and by adjusting the curriculum, provided that the whole curriculum be substantially fulfilled before the degree or diploma is conferred.

**4B. Where by reason of physical disability a student is unable to perform any section of the work prescribed by the regulations for the course on which he has entered or proposes to enter, the Council, on the advice of the appropriate Faculty or Board, may allow him to substitute for such work, other work or another subject substantially equal in standard, and in such case may also impose such other conditions as it thinks fit.

§5. In all cases where Regulations affecting the course of study for any degree or diploma of the University have been or shall be repealed or altered, the Council may nevertheless allow candidates who have previously entered under the Regulations repealed or altered to complete their course thereunder, but may impose such conditions or modifications as may seem good to the Council in each individual case.

§ Allowed 12th August, 1915.

‡ Allowed 12th August, 1903.

** Allowed 23rd January, 1947.

‡ Allowed 5th December, 1918.

• Allowed 10th December, 1919.

‡‡ Allowed 15th January, 1959.

¶¶6. In all cases where the passing of a Public Examination of this University is required by the Regulations, the passing of any other examination of this University which shall appear to the Council to be of at least equal value may be accepted instead thereof.

*7. Students from other Universities or Technical Schools who may desire that instruction received and examinations passed there be counted *pro tanto* for any course of study in this University, may be granted such exemption from the requirements of the Regulations of this University as the Council shall in each case consider just. Provided always that they shall give such evidence of their status and of good character as in the opinion of the Council shall be sufficient.

¶8. In addition to all other fees payable every student taking a course for a Bachelor's degree or for a diploma shall, unless exempted by the Council, pay two annual fees as prescribed by the Council, namely, an annual fee for membership of the University Union and a general service free.

¶8A. The Council shall have power to reduce or to demit any fee payable by a student proceeding to a degree or a diploma for reasons that it deems adequate.

¶9. A student, who, in the opinion of the Professor or Lecturer concerned, is unable to profit by a course of lectures, may be reported to the Faculty. The Faculty, after consideration of the student's record, shall furnish a report to the Council, who may thereupon require the student to withdraw for the remainder of the academic year from one, or in special cases from more than one, course of lectures, not necessarily including that for which he has been reported.

¶10. Annual Examinations in each Faculty shall be held at such times as may be prescribed by regulation, but special examinations may be allowed to any candidate if the Faculty concerned shall so decide and the Council approve. These examinations shall be held at such times and under such conditions as the Faculty may in each case determine with the approval of the Council.

¶11. In all cases where the regulations affecting the degree of Master or Doctor in any Faculty have been or shall be repealed or altered, the Council may nevertheless allow a candidate, who has qualified under the regulations repealed or altered to proceed to that degree, to complete his qualification under the regulations so repealed or altered, provided that he complete his qualification for admission to the degree under those regulations within three years of the date of such repeal or alteration.

**12. (1) Notwithstanding the provisions of any other Statute or Regulation of the University, any undergraduate, graduate, or non-graduating student may be precluded in the manner herein provided from entering upon or proceeding with any course of study.

(2) If it appears to any Faculty or Board of Studies that it is not in the interests—

(a) of the University, or

(b) of other students thereof, or

* Allowed 10th December, 1919.

† Allowed 7th December, 1927.

§ Allowed 10th January, 1946.

¶ Allowed 18th October, 1956.

‡ Allowed 7th December, 1932.

• Allowed 14th December, 1950.

‡‡ Allowed 12th August, 1915.

(c) of the public (having regard to any profession, avocation, or calling for which the student may be qualifying)—

that any student should be permitted to enter upon or proceed with any course of study under the control of that Faculty or Board it shall be lawful for the Faculty or Board to forward to the Council a recommendation to that effect, together with a statement of the grounds upon which the recommendation is made.

(3) Subject to sub-clauses (4) and (5), the Council, if it thinks fit, may adopt any such recommendation with or without modification, whereupon the student shall be precluded in accordance with the terms of the recommendation as so adopted.

(4) No such recommendation shall be adopted with or without modification unless and until the student has had an opportunity of being heard and of adducing evidence in opposition to the recommendation.

(5) Any such hearing may be by the Council or by a Committee appointed for that purpose and consisting of or including at least three members of the Council. At the conclusion of its hearing the Committee shall make a report and the Council may if it thinks fit act upon any such report.

(6) The Council shall be at liberty to review any decision under sub-clause (3) hereof at any time.

(7) Any decision of the Council under sub-clause (3) or sub-clause (6) hereof shall not affect anything lawfully done or suffered before such decision.

Allowed 27th December, 1899.

Chapter XXVII.—Of Diplomas and their Boards of Studies.

*1. There shall be the following Boards of Studies:

- (i) The Board of Studies in Pharmacy;
- (ii) The Board of Studies in Physical Education;
- (iii) The Board of Studies in Social Studies;
- (iv) The Board of Studies in Physiotherapy;

and such other Boards of Studies as the Council may from time to time appoint.

*2. (a) Each Board of Studies except the Board of Social Studies shall consist of the Chancellor, the Vice-Chancellor, the professors and lecturers in control of subjects in the curriculum of the Board, and such other persons as the Council may from time to time appoint.

(b) The President and the Secretary of the Pharmaceutical Society of South Australia, Incorporated, and the President of the Pharmacy Board of South Australia shall be members of the Board of Studies in Pharmacy.

(c) The Board of Studies in Social Studies shall consist of the Chancellor; the Vice-Chancellor; the Chairman of the Education Committee; the Dean of the Faculty of Arts; the full-time members of the staff of the Department of Social Studies; the Heads of the Departments of Economics, History, History and Political Science, and Psychology; the Heads of the other departments in control of academic

* Amended 8th December, 1949, 22nd January, 1953, and 20th December, 1956.

subjects in the curriculum of the Board or their nominees; such other persons not exceeding five as the Council on the recommendation of the Board may appoint; such other persons being members of the academic staff of the University, not exceeding two, whom the Council on the recommendation of the Board may appoint; and such other persons being members of the Council, not exceeding two, as the Council may appoint.

3. Each Board of Studies shall advise the Council on all questions touching the studies, lectures and examinations in the curriculum of the Board.

†4. Each Board shall annually elect one of its members to be Chairman; except that one of the Professors of Chemistry shall be Chairman of the Board of Studies in Pharmacy.

5. The Chairman of each Board shall

- (i) at his own discretion, or on the request of the Chancellor or the Vice-Chancellor, or on the written request of two other members of the Board, convene meetings of the Board;
- (ii) preside at meetings of the Board;
- (iii) subject to the control of the Board, exercise a general control over its administrative business;
- (iv) perform such other duties as the Council shall from time to time prescribe.

6. Whenever the Chairman is absent from a meeting, the Board shall elect another member to preside during the Chairman's absence.

7. The Board of Examiners of each Board of Studies shall consist of the Professors and Lecturers in the subjects of the curriculum of the Board, together with such other examiners as may be appointed by the Council.

8. The qualifications prescribed for admission to the course for any diploma are set out in the regulations governing that diploma.

9. If in any academical year the number of qualified students who apply to begin a course of study for any diploma is in the opinion of the Board of Studies concerned greater than can be taught, the Council may thereupon select from such students by such method as the Council from time to time determines those who, in its opinion, should be entitled to begin the course of study for that diploma in that year.

† Amendment allowed 22nd December, 1955.

Allowed 11th December, 1947.

Chapter XXVIII.—Of The Joseph Fisher Medal of Commerce and The Joseph Fisher Lecture in Commerce.

Whereas on the 17th day of April, 1903, Joseph Fisher, Esquire, paid the sum of £1,000 to the University for the purpose of promoting with the income thereof, and the annual grant payable in respect thereof under the University Act, the study of Commerce in the University: It is hereby provided as follows:—

*1. There shall be a medal, to be called The Joseph Fisher Medal for

*Allowed 22nd January, 1953.

Commerce, which shall be awarded annually in accordance with the following provisions:

- (a) Until the end of the year 1954, the medal shall be awarded to the candidate for the diploma in Commerce, who on completing the course for that diploma shall in the opinion of the examiners be the most distinguished academically and be deemed by them worthy of the award.
- (b) As from January 1, 1955, the medal shall be awarded to the candidate who, having completed the course for the degree of Bachelor of Economics and having included in his curriculum for the degree four courses in Accountancy and Law, shall be deemed by the examiners to be academically the most distinguished eligible candidate in that year and worthy of the award.

*2. A candidate shall be eligible for the medal only if he complies with the following conditions:—

- (a) A candidate for the diploma in Commerce must have completed the course for the diploma within six years of his entering upon the course.
- (b) A candidate for the degree of Bachelor of Economics shall have completed the four courses in Accountancy and Law within six years of having enrolled for the first such course.
- (c) Except with the approval of the Faculty of Economics no candidate shall be eligible for the medal if he has received exemption from examination in any one or more of the four courses in Accountancy and Law concerned.

3. There shall also be established a lecture on a subject relating to Commerce, to be called The Joseph Fisher Lecture, and to be delivered in the University every alternate year, and subsequently published.

4. The lecturer shall be appointed from time to time by the Council of the University, and shall be paid by the University the sum of £10 10s.

5. The subject of the lecture shall from time to time be approved by the Council of the University.

6. Any surplus income from the said endowment of £1,000 and the annual grant payable in respect thereof under the University Act, after providing for the said medal, the payment of the said lecturer, and the publication of his lecture, shall be applied by the University in or towards payment of the salaries or remuneration of such of the professors, lecturers, and examiners engaged or to be engaged in the work of the commercial courses for the time being of the University, as the Council of the University shall determine.

7. The Statutes contained in this chapter shall not be altered during the lifetime of the said Joseph Fisher, without his written consent.

* Allowed 22nd January, 1953.

Allowed 12th August, 1903.

Chapter XXIX.—Of the Affiliation of Roseworthy Agricultural College.

Whereas application has been made by the Governing Body of Roseworthy Agricultural College for affiliation to the University, it is hereby provided that —

1. The Roseworthy Agricultural College is affiliated to the University of Adelaide.

*2. The Council of the University, on the recommendation of the Faculty of Agricultural Science, may exempt students who have attended courses of instruction and passed examinations of the said College from attendance at lectures, and from examinations, in the corresponding subjects of the course for the degree of Bachelor of Agricultural Science.

• Allowed 3rd January, 1929.

Allowed 7th December, 1905.

Chapter XXX.—Of The Tinline Scholarship.

Whereas George John Robert Murray, a member of the Council of this University, has paid to the University the sum of one thousand pounds for the purpose of founding with the income thereof a scholarship in memory of the family of his mother, to be called The Tinline Scholarship: Now it is hereby provided as follows:

1. The Tinline Scholarship shall be available for award every year.

2. Subject to the provisions of clauses 6 and 7, the scholarship shall be awarded each year to the candidate placed highest in the final examination for the honours degree of Bachelor of Arts in the School of Political Science and History. If any candidate who has been awarded the scholarship decline it, the scholarship shall then be awarded to the candidate placed next in order of merit in the examination referred to above.

3. If in any year there be no award of the scholarship under clause 2, the scholarship for that year may be awarded to a candidate who in that year has obtained honours in the final examination for the honours degree of Bachelor of Arts in a combined school which included work in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute.

4. If in any year there be no award of the scholarship under clauses 2 and 3 the scholarship for that year may be awarded to a candidate who has qualified to enter upon the final year's work for the Honours degree of Bachelor of Arts in the School of Political Science and History. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have passed the final examination for the Honours degree of Bachelor of Arts in the School of Political Science and History.

5. If in any year there be no award of the scholarship under clauses 2, 3 and 4, the scholarship for that year may be awarded to a candidate for the Ordinary degree of Bachelor of Arts who has completed at least three courses in the School of Political Science and History, provided that the candidate is prepared to comply with the provisions of clause 8 of this statute and of regulation 2 of the degree of Master of Arts. Whenever the scholarship is awarded to such a candidate the operation of clauses 8 and 9 shall be postponed until the candidate shall have complied with the requirements of regulation 2 of the degree of Master of Arts.

6. The scholarship shall not be awarded to the same person more than once.

7. If in any year there be no candidate of sufficient merit, no award shall be made for that year; but there shall not, by reason of such lapse, be more than one award in the following year.

8. Each candidate awarded the scholarship shall proceed to the degree of Master of Arts in the School of Political Science and History by submission of a satisfactory thesis on a subject approved by the Faculty of Arts. The candidate must submit the subject of his thesis for approval by the Faculty not later than the first day of April following the award of the scholarship; and he must submit his thesis not later than the last day prescribed for the submission of theses for the degree of Master of Arts in the second year following that of the award, or at such later date as in special circumstances the Council may approve.

9. Each scholarship shall be of the total value of £60, payable in two instalments, each of £30. The first instalment shall be paid not sooner than the end of the sixth month after the date of award, provided that a satisfactory report of progress has been received from the Professor of Political Science and History, or from some other person approved by the Council. When the thesis has been accepted as fulfilling the requirements for the degree of Master of Arts and the candidate has deposited an approved copy of it in the University library, the second instalment shall be paid and the candidate shall receive the title of Tinline Scholar.

10. A candidate for the scholarship shall be in all respects subject to the Statutes and Regulations for the time being of the University, and, if his conduct is not satisfactory, his tenure of the scholarship may be cancelled by the Council at any time.

11. This Statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

Allowed 5th December, 1940.

Chapter XXXI.—Of the David Murray Scholarships.

Whereas the late David Murray has bequeathed the sum of £2,000 to the University of Adelaide for the purpose of founding scholarships, and whereas the said sum has been paid to the University to be used and administered by it in fulfilment of such intention, it is hereby provided as follows:—

1. The scholarships shall be called the David Murray Scholarships.

2. The purpose of the scholarships shall be to encourage advanced work and original investigation.

3. The sum of £25 may be awarded in each year by the Faculty of Arts, and by the Faculty of Laws, and in alternate years by the Faculty of Science and by the Faculty of Medicine.

4. The scholarships shall be awarded in accordance with conditions prepared by each Faculty and approved by the Council.

*5. If for any reason the full amount of £25 be not awarded in any year by any Faculty having the disposal of it, any amount so unawarded shall be disposed of as the Council shall determine.

• Allowed 7th December, 1927.

6. The money shall be paid to the scholars at such time, and in such amounts, as the Council, upon the advice of the Faculties, shall determine.

7. These Statutes may be varied from time to time.

Allowed 13th January, 1908.

Chapter XXXII.—Infectious Diseases.

1. If any professor, or lecturer, or examination supervisor, suspects or is apprehensive, that any student attending or desiring to attend his classes, or any examinations, is suffering from Tuberculosis, or any other disease which he believes may be infectious, he may request such student to absent himself, and thereupon such student shall without delay leave the University premises, or any place in which any University lecture or examination is being given or held, and shall not return to the University, or such other place, until he forwards to the Registrar a certificate, under the hand of the Dean of the Faculty of Medicine or of the Medical Officer of Health in the District where he resides, or may be isolated, to the effect that there is no risk, or no longer any risk, of his conveying infection to others.

2. The Council shall have power to close the University, or any part thereof, for such time as it shall deem desirable, in order to prevent the spread of infectious disease.

Allowed 24th August, 1910.

Chapter XXXIII.—The Lowrie Scholarships.

Whereas an anonymous donor has paid to the University the sum of £500 for the purpose of providing scholarships for post-graduate research in Agriculture; and whereas it is the donor's wish that these should be called the Lowrie Scholarships, in recognition of the valuable services rendered to Agriculture by William Lowrie, formerly Professor of Agriculture at the Roseworthy College, and Director of Agriculture in South Australia; Now it is hereby provided as follows:

1. The University shall give in succession four scholarships, each of £150, and tenable for one year. Each of these shall be called a Lowrie Scholarship.

2. Candidates for a scholarship must have qualified for a degree of the University.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar not later than the 1st day of December, and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

4. The Faculty, may, as an alternative, recommend that the then present holder shall receive another scholarship for the year following,

or may, at its discretion, make no recommendation at all. In the latter case the scholarship shall lapse for a year, and the income for that year be added to the scholarship fund.

5. The holder of a scholarship shall, during his tenure of it, be styled the Lowrie Scholar.

6. The subject of research, which may be suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April following the award. He shall present a report of his work to the Council not later than the 31st day of March following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

8. The sum of £150 shall be paid to the scholar in five sums of £30 each, payable thus: The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the 1st day of January following, the fifth upon the presentation of the results of the research as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship under section 7 hereof. In the cases last named the sum or sums so forfeited shall be dealt with in such manner as the Council may determine.

9. These Statutes may be modified or changed from time to time, but the name and the general object of the scholarships shall not be changed.

Allowed 10th August, 1916.

Chapter XXXIV.—Of The John Bagot Scholarship and Medal for Botany.

Whereas the University has received from Mrs. John Bagot the sum of £500 for the purpose of founding, in memory of her late husband, a scholarship and medal for Botany: It is hereby provided that—

1. A scholarship, to be called The John Bagot Scholarship, shall be awarded each year to the student placed first in an examination in Elementary Botany, provided that the student is adjudged to be of sufficient merit and has fulfilled the requirements for entering on the second-year course in Botany.

2. Should a student decline to accept the scholarship, it may then be awarded to the next in order of merit who has fulfilled the conditions prescribed in Clause 1.

3. The scholar shall continue the study of Botany in the University for the ensuing year, and shall be exempt from payment of fees for that subject, and, if his conduct and work be considered satisfactory by the Council, he may continue for a second year following the award, provided that the total fees for which exemption is granted shall not exceed £20.

4. Should the scholar for any reason be exempt already from payment of his fees for the study of Botany in the University, the John Bagot Scholarship shall be awarded in the form of books, instruments, or money, to the value of £20, at the option of the student, on the completion of a further course in Botany to the satisfaction of the Council.

5. A medal, to be called The John Bagot Medal, shall be offered annually for the best original work in Botany. A candidate may be required to pass an examination in the subject-matter of his thesis.

6. Any undergraduate in the Faculty of Science, or any graduate in Science in this University of not more than three years' standing, shall be eligible to compete for the medal; but the medal shall not be awarded to the same person more than once.

7. The thesis shall be forwarded to the Registrar not later than the first day of November in each year.

8. No medal shall be awarded unless, in the opinion of the Council, there is a candidate of sufficient merit.

*9. Each candidate to whom the medal has been awarded shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

10. This Statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

* Allowed 30th November, 1933.

Allowed 17th December, 1931.

Chapter XXXV.—Of The Bunday Prize for English Verse.

Whereas Ellen Milne Bunday has paid to the University the sum of £200 for the purpose of founding with the income thereof an annual prize in memory of her parents, the late Sir Henry and Lady Bunday, to be called The Bunday Prize for English Verse:

Now it is hereby provided as follows:—

*A prize to the value of ten pounds, called The Bunday Prize for English Verse, shall be awarded in April of each year to the person who, in the opinion of the Professors of English Language and Literature and of Classics and such other examiners as the Faculty may appoint, shall have written the best poem or poems, under conditions prescribed by the Faculty of Arts in June of each year; provided that, if the examiners shall not consider any candidate worthy to receive the prize, it shall lapse for that year.

The competition for the prize is open to Australian-born graduates and undergraduates of the University of Adelaide, provided they have entered on their studies at the University not more than six years prior to the date fixed for sending in poems.

* Allowed 6th December, 1923, and amended 15th December, 1937.

Each poem must be accompanied with the name of the author in full and be delivered at the office of the Registrar of the University not later than the 31st of March. The prize shall be received by the successful candidate on 1st of June following.

The prize shall not be awarded twice to the same candidate.

† Copies of all poems presented shall be retained, and a copy of the successful poem shall be deposited in the Library.

This Statute may be varied from time to time, but the title and purpose of the prize shall not be changed.

† Allowed 9th August, 1922.

Allowed 7th August, 1913.

Chapter XXXVI.—Of the John Creswell Scholarships.

Whereas the sum of £1,300 has been subscribed and paid to the University for the purpose of founding with the income thereof scholarships in memory of the late John Creswell: Now it is hereby provided as follows:—

*1. Three scholarships, to be called the John Creswell Scholarships, shall, subject to the conditions hereinafter set forth, be awarded in each year:—One by the South Australian Cricket Association (hereinafter called “the said Association”), one by the Royal Agricultural and Horticultural Society of South Australia, Incorporated (hereinafter called “the said Society”), and one by the Council of the University (hereinafter called “the Council”).

†2. The scholarships to be awarded by the said Association and the said Society respectively shall be awarded annually to candidates who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are deemed by the said Association and the said Society respectively worthy to receive the scholarships.

†3. The scholarships to be awarded by the Council shall be awarded annually to students who—

- (a) have qualified for matriculation in the Faculty of Economics,
- (b) are under the age of nineteen years on the first day of March in the year in which the award is made, and
- (c) are recommended to the Council by the Public Examinations Board as being worthy to receive the scholarships.

†4. The value of each scholarship shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the scholar may include in his curriculum for the degree of Bachelor of Economics provided that the scholarship shall not be tenable for more than six years.

†5. Except by permission of the Council, each scholar shall enter forthwith upon the course for the degree of Bachelor of Economics and shall prosecute his studies continuously and with diligence. The scholarship shall be forfeited if the holder thereof fails to observe any of these requirements, unless such failure shall, in the opinion of the Council, have been the result of ill-health or other reasonable cause;

† Allowed 22nd January, 1953

*Allowed 3rd January, 1929.

provided, however, that failure to pass in any examination shall not of necessity be sufficient cause for forfeiture. The decision of the Council as to the forfeiture of a scholarship shall be final.

†6. If a scholarship be forfeited, or lapses or becomes vacant before the holder has completed his course for the degree of Bachelor of Economics, the scholarship shall not be re-awarded.

7. No student shall hold one of the said scholarships concurrently with any other scholarship tenable at the University.

8. This Statute may be varied from time to time, but the title and purpose of the scholarships shall not be changed.

† Allowed 22nd January, 1953.

Allowed 24th December, 1913.

Chapter XXXVII.—Of The Alexander Clark Memorial Prize.

Whereas the sum of £255 has been paid to the University by various subscribers for the purpose of founding a prize in memory of the late Inspector Alexander Clark, it is hereby provided that —

1. The prize shall be called The Alexander Clark Memorial Prize.

2. Candidates for the prize may present themselves in any one of the following Principal Subjects, viz., Pianoforte, Violin, Organ, Violoncello, or Singing, and they shall undergo such examination as the Council may from time to time direct. An examination fee of one guinea† shall be paid by each candidate.

*3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held; and all candidates must have regularly attended a school under the Education Department of South Australia for at least two years.

No candidate who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete in the same subject for this prize.

†3A. The prize shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

††4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the prize shall lapse for one year, after which it shall be offered again. If the prize so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition, for one year, equal to the annual value of the prize, to a student of the Elder Conservatorium of outstanding merit.

5. The prize shall, for the present, be of the annual value of £12 10s. tenable for three years, subject to the provisions contained

* Allowed 30th November, 1933, and amended 10th December, 1936.

†† Allowed 25th August, 1955.

† Allowed 18th October, 1956.

† Allowed 16th December, 1948.

in Clause 7. The holder shall be required to study at the Elder Conservatorium the principal subject for which the prize shall have been awarded, together with such secondary subjects as may be approved by the Director, and shall pay the proper fees. Scholars taking Violin as the Principal Subject of study shall, unless exempted by the Director, also study the Viola.

*6. Payment of the prize shall be made in three equal instalments in each year, one at the beginning of each term.

*7. Every holder of a prize may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course, he shall be required to pass an examination in his principal subject at the end of each year of his course. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the prize for the remaining portion of the term of three years, unless the Council shall otherwise decide. A prize shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

†7A. The prizeman shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

††8. Repealed.

9. Upon expiration of tenure, either by effluxion of time, resignation, or forfeiture, the prize shall be offered for competition at the end of the academic year.

10. These Statutes may be varied from time to time, but the title and general purpose of the prize shall not be changed.

** Allowed 10th December, 1925.

† Allowed 16th December, 1948.

†† Repealed 25th August, 1955.

Allowed 13th December, 1917.

* Amended 15th January, 1959.

Chapter XXXVIII.—Of The Lister Prize.

Whereas the sum of £100 has been paid to the University by an anonymous donor for the purpose of founding a prize in memory of the late Lord Lister, it is hereby provided that:

1. The prize shall be called The Lister Prize.

2. It shall consist, until otherwise determined, of a bronze medal and the sum of £3 10s.

*3 The prize shall be available for award annually to the candidate placed first in the Interim Examination in Clinical Surgery held during the fifth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit no award of the prize shall be made in that year.

†4. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine, and shall hold the examination at the end of the first clinical term. The marks awarded shall be taken into consideration in determining whether an undergraduate is entitled to a certificate signed by his honorary officers.

5. The prize shall not be awarded twice to the same person.

6. These Statutes may be varied by the Council from time to time, but the title and general purpose of the prize shall not be altered.

* Allowed 17th January, 1952.

Allowed 30th November, 1933.

† Amended 9th January, 1958.

Chapter XXXIX.—Of The John Lorenzo Young Scholarship and The John L. Young Scholarship for Research.

Whereas the sum of £200 has been bequeathed to the University by the late John Harvey Finlayson for the purpose of founding a scholarship in Political Economy, or some cognate subject, in memory of the late John Lorenzo Young, the founder and proprietor of a school formerly existing in Adelaide, known as "The Adelaide Educational Institution": And whereas, to further perpetuate the memory of the said John Lorenzo Young, some of his old pupils have subscribed and paid to the University a further sum of seven hundred pounds for the purpose of promoting, with the income thereof, original research in any department of knowledge: Now it is hereby provided as follows:

A. The John Lorenzo Young Scholarship.

1. The said sum of £200 shall be invested, and with the income thereof a scholarship is hereby established, to be called The John Lorenzo Young Scholarship.

2. The scholarship shall be awarded for research in Political Economy, or some cognate subject.

*3. Candidates must be present or past students of the University who have passed in a degree course the subject of Economics, or a subject judged by the Faculty of Economics to be cognate to Economics, not more than six years before the date of the award.

*4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Economics, but no award shall be made unless there is a candidate of sufficient merit.

5. The scholarship shall be of the value of thirty pounds, and shall be offered first in December, 1918, and thereafter triennially, or as often as the income from the investments of the said sum of two hundred pounds and any additions thereto as hereinafter mentioned shall amount to thirty pounds.

6. If no suitable candidate presents himself in any year when the scholarship is offered, it shall not be offered again for twelve calendar months; and the income during such period shall be added to the said sum of two hundred pounds and invested for the purpose of the scholarship.

*7. The scholar shall, after his election, prepare an original thesis on some topic of Political Economy, or any cognate subject to be prescribed, or approved, by the Faculty of Economics.

*8. The thesis shall be presented within twelve calendar months from the date of the award, or such extended time as the Faculty of Economics may allow. †An approved copy of each thesis accepted by the Council shall be deposited by the candidate in the University library.

*9. The said sum of thirty pounds shall be paid as follows: ten pounds when the award is made, another ten pounds at the end of six calendar months after the date of the award, provided the Faculty of Economics are satisfied with the progress made by the scholar in his work; and the remaining ten pounds on the completion of the work to the satisfaction of the Faculty.

* Amended 22nd January, 1953.

† Allowed 30th November, 1933.

10. Applications for the scholarship must be lodged with the Registrar not later than the 1st November in the year in which it is offered, or such other date as the Council may appoint; and each candidate shall, if required, state in his application the subject of the thesis he proposes to write.

11. The scholarship may be held in conjunction with any other scholarship or prize at the University, but shall not be awarded more than once to the same candidate.

12. The above Statutes may be varied from time to time in any manner not inconsistent with the will of the above-named John Harvey Finlayson.

B. The John L. Young Scholarship for Research.

13. The said sum of £700*, and any additions thereto that may hereafter be made, shall be invested, and shall be called The John L. Young Fund for Research.

14. A scholarship is hereby established, to be called The John L. Young Scholarship for Research.

15. The scholarship shall be awarded for research work in any branch of knowledge, but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

16. Candidates must be graduates or present or past students of the University. There shall be no age limit.

17. Applications for the scholarship must be lodged with the Registrar not later than the 1st November of each year or such other date as the Council may appoint. Each candidate must specify the particular research work he proposes to undertake.

18. The Council may arrange a rotation of Faculties in which the scholarship will be awarded, but may disregard such rotation in favour of a candidate of outstanding merit.

19. The Faculties shall recommend the candidate in their respective departments whom they deem most worthy of the scholarship, and the final selection shall be made by the Council.

20. The award shall be made annually in the month of December of each year, or so soon thereafter as may be found convenient.

21. The Council may from time to time make grants out of the income of the fund to assist members or students of the University engaged in research work; but such grants shall not confer upon the recipients the right to be styled John L. Young Scholars.

22. Subject to any such grants, the whole income of the fund for the year preceding the award shall be paid to the scholar in two instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of his Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

23. The scholarship may be held in conjunction with any other scholarship or prize at the University, and may be awarded more than once to the same candidate.

* This endowment was increased in 1921 to £1,000.

24. If the scholarship be not awarded in any year, the income which would be otherwise payable to the scholar shall, in the discretion of the Council, subject to the power of making grants from it for research work, be added either to the corpus of the fund or to the income available when the scholarship is next awarded, or partly to corpus and partly to income.

25. These Statutes may be varied from time to time in any manner not inconsistent with the objects for which the fund was subscribed.

Allowed 10th December, 1915.

Chapter XL.—Of the Dr. Chas. Gosse Lectureship and Medal in Ophthalmology.

Whereas the sum of £1,125 has been subscribed and paid to the University for the purpose of founding with the income thereof a Lectureship and Medal in Ophthalmology in memory of the late Dr. Charles Gosse: Now it is hereby provided as follows:—

1. The Lecturer in Ophthalmology in the Medical School of the University shall be called the Dr. Charles Gosse Lecturer on Ophthalmology.

*2. There shall be a bronze medal to be called the Dr. Charles Gosse Medal, which shall be awarded annually to the best candidate in the subject of Ophthalmology, provided that he shall pass with credit in that subject, and that, in the opinion of the examiners, he shall be considered worthy of the award.

Only those candidates who have passed in all the subjects of the final examination shall be eligible for the medal.

This Statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

* Allowed 11th December, 1924; amended 10th December, 1925.

Allowed 30th November, 1916.

Chapter XLI.—Of the Eugene Alderman Scholarships.

Whereas the sum of £740 has been raised by public subscription and has been paid to the University for the purpose of founding scholarships in memory of the late Eugene Alderman, a teacher of Violin in the Elder Conservatorium: it is hereby provided that —

1. Two scholarships, which shall be called Eugene Alderman Scholarships, shall be offered for competition among students of music who are natural-born British subjects and have been resident in the State of South Australia for three years prior to the date of entry.

2. Each scholarship shall be of the annual value of £18 10s., and shall be tenable for three years subject to the provisions contained in clause 6. Each holder of a scholarship shall be required to study in the Elder Conservatorium the principal subject for which the scholarship has been awarded to him, together with such secondary subjects as may be approved by the Director. He shall also pay the proper fees.

*3. One scholarship shall be awarded for the Violin; the other shall be awarded for any one of the following subjects, namely, Violin, Violoncello, Pianoforte, Organ, or Singing; but in case of equality of

* Allowed 10th December, 1919, and amended 18th October, 1956.

merit a violin candidate shall have the preference. Each candidate shall pay an examination fee of one guinea and shall undergo such examination as the Council may direct.

**4. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No person who holds, or who has held, a scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects shall be eligible to compete for one of these scholarships in the same subject.

‡4A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

‡‡5. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit. In the case of the lapse of the scholarship for violin, the exhibitioner, if any, shall be a student in string playing; in the case of the lapse of the other scholarship, the exhibitioner, if any, shall be a student in any of the subjects of that scholarship.

‡6. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

‡6A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

*7. Payment of the annual value of a scholarship shall be made in three equal instalments, one at the beginning of each term.

8. One scholarship shall be offered for competition early in 1918, and the other towards the end of that year, and subsequently each shall be offered towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

9. These Statutes may be varied from time to time, but the title and general purpose of the scholarships shall not be changed.

Allowed 11th April, 1918.

† Allowed 10th December, 1925.

‡‡ Allowed 25th August, 1955

* Amended 15th January, 1959.

† Allowed 16th December, 1948.

** Allowed 30th November, 1933.

Chapter XLII.—Of the A. M. Simpson Library in Aeronautics.

Whereas Mrs. A. M. Simpson has paid to the University the sum of five hundred pounds for the purpose of founding a library in aeronautics in memory of her late husband, Alfred Muller Simpson:—

It is hereby provided that:—

1. The Library shall be called the A. M. Simpson Library in Aeronautics in memory of her late husband, Alfred Muller Simpson:—
2. Interest on the endowment at the rate of five per centum per annum shall be annually set aside for the purchase of books on Aeronautics.
3. The books shall be available for study to all persons on the same conditions as other books in the University Library.
4. This Statute may be varied from time to time but the title and the purpose of the endowment shall not be changed.

Allowed 5th December, 1918.

Chapter XLIII.—Of the Ernest Ayers Scholarships in Botany or Forestry.

*Whereas the late Ellen Milne Bunday, Mus. Bac., has bequeathed the sum of £1,236 to the University for the purpose of founding a scholarship or scholarships for the encouragement of original research in Botany or Forestry, such scholarship or scholarships to be called The Ernest Ayers Scholarship or Scholarships:

†1. There shall be offered every alternate year a scholarship of the value of £120, to be called The Ernest Ayers Scholarship.

2. Every candidate for a scholarship must be a graduate of or have qualified for a degree in the University, and must have completed a full course in Botany or Forestry as a subject for his degree.

3. The scholarship shall be awarded in the month of December, on the recommendation of the Faculty of Science, to the best candidate, provided he is, in the opinion of the Faculty, of sufficient merit. Applications must be made in writing to the Registrar on or before the 1st day of December (or such later date as the Council may allow), and shall be accompanied by a statement of the subject upon which the applicant proposes to conduct his research. The Faculty shall, in making any recommendation, take into consideration the whole undergraduate course of the candidate, and shall attach special weight to any evidence of capacity for original research.

*4. Should no candidate be adjudged of sufficient merit, the scholarship shall for that year lapse, but shall be available in the month of December next ensuing.

†5. The holder of a scholarship shall, during his tenure of it, be styled the Ernest Ayers Scholar in Botany (or in Forestry, as the case may be).

6. The subject of research suggested by the scholar, or some other subject, having been approved by the Council on the recommendation of the Faculty of Science, the scholar shall diligently devote his whole time to the research, beginning not later than the 1st day of April

* Allowed 6th December, 1922.

† Allowed 10th December, 1925.

following the award. He shall present a report of his work to the Council not later than the 30th November following, or such later date as the Council may allow. During this period the scholar shall not engage in any salaried work without having previously obtained the consent of the Council.

7. The scholar may at any time be called upon by the Council to give proof that he is devoting himself to his subject in such a manner as to further the ends for which the scholarship is awarded. In the absence of such proof, or of a satisfactory report of his work, the Council may deprive him of the scholarship, or may altogether withhold, or suspend for such a time as they may deem proper, the second and subsequent payments referred to in the next section hereof.

‡ Either the original or an approved copy of each thesis or report approved in connection with this scholarship shall be deposited by the candidate in the University library before payment of the final instalment of the scholarship is made.

† 8. The sum of £120 shall be paid to the scholar in four sums of £30 each, payable thus:—The first upon the 1st day of April following the award, the second upon the 1st day of July following, the third upon the 1st day of October following, the fourth upon the presentation of the result of the research work as provided by clause 6; provided as to the second and subsequent payments, that they shall not have been suspended or withheld, or the scholar deprived of his scholarship, under section 7 hereof.

* 9. These Statutes may be modified or changed from time to time, but the name and objects of the scholarships shall not be changed.

‡ Allowed 30th November, 1933.

† Allowed 10th December, 1925.

* Allowed 6th December, 1922.

Allowed 10th December, 1919.

Chapter XLIV.—Of the Animal Products Research Foundation.

Whereas the sum of seven thousand pounds has been subscribed and paid to the University for the purpose of promoting research on the growth and nutrition of man and animals:

It is hereby provided that —

1. The University shall provide an annual income of five hundred pounds in respect of the said endowment of seven thousand pounds and also five per centum per annum on any future additions to the capital sum.

2. The income in each year shall be available for the purposes of the Foundation. Unexpended income in any year may be added to the capital sum, or expended in the next or some following year, as the Council may determine.

3. The Council shall appoint a Director of the Laboratory, and a Board of Management of which the Director shall be Chairman. The Board shall report annually on the work done under the Foundation.

4. These Statutes may be varied from time to time, but the title and the general purpose of the endowment shall not be changed during the lifetime of the original subscribers without the consent of a majority of them.

Chapter XLV.—Of the Barr Smith Library.

Whereas during his life the late Robert Barr Smith gave to the University sums amounting to £9,000 for the purchase of books constituting the Barr Smith Library; and whereas members of his family, in order to perpetuate his memory within the University, paid to the University in 1920 the sum of £11,000:

It is hereby provided that —

1. Interest at the rate of at least five per centum per annum on the sum of £11,000 shall be set aside for the purchase of books to be added to the Barr Smith Library.

2. The books of the library shall be suitably distinguished from other books in the possession of the University.

Allowed 9th December, 1920.

Chapter XLVI.—Of The George Thompson Bursary in Commerce.

Whereas the Adelaide Co-operative Society, Limited, has paid to the University the sum of £150 for the purpose of founding a bursary in memory of George Thompson, the first Secretary and Manager of the Society: Now it is hereby provided as follows:—

1. A bursary, to be called The George Thompson Bursary in Commerce, shall be awarded by the University to any person nominated from time to time by the Adelaide Co-operative Society.

*2. The value of the bursary shall be sufficient to pay once only the fees for lectures and examination in each course in Accountancy or Law that the bursar may include in his curriculum for the degree of Bachelor of Economics.

3. He shall be in all respects subject to the discipline and to the Statutes and Regulations for the time being of the University.

*4. Save by permission of the Council of the University, the bursar shall not retain the bursary for more than six years.

5. The Society may at any time, with the permission of the Council, substitute another student for the then holder of the bursary, and the privileges of the then holder shall thereupon be at an end.

6. This Statute may be varied from time to time, but the title of the bursary shall not be changed.

* Allowed 22nd January, 1953.

Allowed 6th December, 1923.

Chapter XLVII.—Of the Elizabeth Jackson Library.

Whereas the sum of £750 (of which £650 was raised by public subscription and £100 was given by the Old Scholars' Association of the Methodist Ladies' College, Adelaide) has been paid to the University for the purpose of founding a special library for the study of psychology in memory of the late Sarah Elizabeth Jackson, M.A., formerly tutor in philosophy in this University:

It is hereby provided that —

1. The library shall be called The Elizabeth Jackson Library.

2. The interest on the endowment at the rate of five per cent. per annum shall be annually set aside for the purchase of books and

apparatus for the study of psychology, especially the psychology of abnormal children.

3. The books shall be available to all persons on the same conditions as other books in the University library.

4. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 11th December, 1924.

Chapter XLVIII.—Of St. Mark's College, Incorporated.

Whereas application has been made by the governing body of St. Mark's College, Incorporated, for affiliation to the University:

It is hereby provided that —

St. Mark's College, Incorporated, is hereby affiliated to the University of Adelaide as a College for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students.

Allowed 7th December, 1927.

Note.—The College was first affiliated in 1924 and was opened for the residence of students in March, 1925.

Chapter XLIX.—Of the Appointments Board.

1. The Council shall create a Board, to be called the Appointments Board, to assist undergraduates of at least two years' standing, holders of diplomas, and graduates to obtain appointments. The Board may also deal with such other matters as the Council may refer to it.

2. The Board shall elect annually a Chairman, and shall appoint a Secretary from time to time.

3. It shall be the duty of the Board to keep a register of those desiring employment and of employers who may be willing to give such employment, and the Board shall take such steps as may seem advisable in the interests of both classes.

4. The Board shall have power to make such rules and to charge such fees as may be approved from time to time by the Council.

Allowed 10th December, 1925.

Chapter L.—Of The Thornber Bursary.

Whereas the old scholars of the Unley Park School have subscribed the sum of £450 for the purpose of founding a bursary in memory of the late Catherine Maria Thornber, formerly principal of that school; it is hereby provided as follows:

1. A bursary for women students, to be called The Thornber Bursary, shall be offered for award annually by the University.

2. The bursary shall be tenable for one year, shall be of the value of £22, and shall be awarded to the candidate who secures at the Leaving Examination the highest aggregate of marks in six subjects

which must include English, a language other than English, and a subject in Mathematics or the natural sciences. All subjects shall count as of equal value, and no award shall be made unless there is a candidate of sufficient merit.

3. Candidates for the Bursary must have received at least three years of their secondary education (including the year of competition for the Bursary) at one of the following schools in South Australia: Girton, Methodist Ladies' College, Presbyterian Girls' College, St. Peter's Girls' School, Walford Church of England Girls' Grammar School, Wilderness School, Woodlands Church of England Girls' Grammar School.

4. The successful candidate must have satisfied the requirements for entrance upon the degree course which she proposes to take at the University, and provided that she is at least seventeen years of age shall enter upon her course at the University as soon as possible after the award unless the University allow a delay for such reason and for such period as it may approve.

5. Payment of the bursary shall be made in three equal instalments, one at the beginning of each term of the year of tenure; provided that the second and third payments shall be subject to the bursar's work during the preceding term being satisfactory to the Dean of the Faculty concerned.

6. This statute may be varied from time to time, but the title and the general purpose of the endowment shall not be changed.

Allowed 20th December, 1956.

Note.—Candidates who desire to compete for the bursary and are eligible to do so must give notice on the proper form when they enter for the Leaving Examination. The form and full particulars may be obtained from the Secretary of the Public Examinations Board at the University.

Chapter LII.—Of The Bonython Prize.

In consideration of the endowment by the Hon. Sir John Langdon Bonython, K.C.M.G., of the Chair of Law at the University of Adelaide, and in order better to perpetuate his memory, as well as to encourage original contributions to the Science of Law, the Council of the University of Adelaide has decided to found a prize not exceeding the value of £100, to be awarded on the following conditions:—

1. The prize shall be called The Bonython Prize.

2. The prize shall be awarded by the Council to such candidate as in the opinion of the Faculty of Law shall have written the best original thesis on any legal subject approved by the Faculty and the Council, which thesis is in the opinion of the examiners of sufficient merit.

3. The prize may be awarded to the author of any book on any legal subject published prior to and within 18 months of the last day for the submitting of theses, provided that the other conditions of the prize have been fulfilled.

4. Where, in the opinion of the examiners, two or more theses shall be considered of equal merit, the prize shall be awarded to the thesis the subject-matter of which is deemed by the examiners to be of greater interest or utility from the point of view of the Law of the Commonwealth or of South Australia.

5. No thesis submitted for competition shall have been previously submitted for any competition or prize at the University of Adelaide or elsewhere.

6. Candidates must either have graduated by examination in Law at the University of Adelaide, or having been resident in South Australia at least two years immediately preceding the last day for submitting the thesis, have been admitted *ad eundem* to a degree in Law in this University.

7. If any thesis be considered by the examiners sufficiently meritorious to qualify for the prize but inferior to another thesis submitted at the same competition, the former thesis may be resubmitted (subject to Clause 3 hereof) at a subsequent competition, but may be then awarded the prize only if no other thesis of sufficient merit to qualify for the prize is submitted for the first time at such subsequent competition.

8. The prize shall not be awarded twice to the same candidate.

9. A typewritten or printed copy of the successful thesis shall be deposited by the candidate in the Library of the University, but shall be made available to the candidate for a period of one month, or for such further period as the Faculty may allow if he wishes to publish the same. In case of publication the University shall have no rights in respect of the thesis so published, but a printed copy shall be presented by the candidate to the Council of the University.

10. Theses shall be submitted not later than the first day of July in any year.

Allowed 8rd January, 1929.

Chapter LIII.—Of The Rennie Scholarship for Research in Chemistry.

Whereas the sum of £320 has been handed to the University by subscribers for the purpose of founding a research scholarship to perpetuate the memory of the late Edward Henry Rennie, Professor of Chemistry in the University during the period 1884-1927, it is hereby provided that:

1. The said sum of £320, and any additions thereto that may hereafter be made, shall be invested and shall be called The Rennie Research Fund. With the income thereof a scholarship shall be established and called The Rennie Scholarship for Research in Chemistry.

2. The scholarship shall be awarded by the Council, on the recommendation of the Faculty of Science, for the purpose of assisting the scholar to undertake research work in Chemistry; but no award shall be made unless, in the opinion of the Council, there is a candidate of sufficient merit.

3. Candidates must be graduates or past or present students of the University. There shall be no age limit.

4. The scholarship shall be of the value of £50, and shall be offered first in November, 1933, and thereafter triennially, or as often as the income from the fund shall amount to £50.

5. If no suitable candidate presents himself for the scholarship in any year in which it is declared vacant, it shall not be offered again for twelve months; and the income during such period shall be added to the capital of the fund and invested for the purpose of the scholarship.

6. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of the year in which an award is to be made. Each candidate must specify, for the approval of the Faculty, the particular research work he proposes to undertake.

7. Payment shall be made to the scholar in two equal instalments, one as soon as conveniently may be after his election, and the other on the receipt of a satisfactory report of progress from the Dean of the Faculty or some other person nominated by the Council, but not earlier than six calendar months after his election.

8. The scholarship may be held in conjunction with any scholarship or prize at the University; and the work during the tenure of the scholarship shall be carried out in the laboratories of the University.

9. These Statutes may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 10th December 1930.

Chapter LV.—Of The Fred Johns Scholarship for Biography.

Whereas the late Fred Johns bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship to be called The Fred Johns Scholarship for Biography, it is hereby provided as follows:

1. There shall be a scholarship of the value of £100 to be called The Fred Johns Scholarship for Biography.

2. The Council shall establish a fund and contribute the sum of £60 a year to it for the purpose of the scholarship.

3. Beginning with the year 1939 the Council may, as often as the funds permit, appoint a graduate or an undergraduate of the University of Adelaide to write a biography of a deceased eminent Australian (not necessarily Australian born) named by the Council but any subject for which the scholarship has been awarded shall not be named again prior to the year 1983.

4. The writer appointed shall lodge the completed biography with the Registrar within two years of his appointment or within such further period as the Council upon application may deem expedient.

*5. The Council may award the writer progress payments not exceeding a total sum of £50, and, if the work is adjudged to be of sufficient merit, shall award him the title of Fred Johns Scholar, and shall complete the payment of the amount of the scholarship.

*6. Within six months of the award of the title of Fred Johns Scholar, the Council shall decide whether the biography shall be published by

* Allowed 22nd January, 1953.

the University. If the Council decides that the biography shall not be so published, the copyright therein shall be the property of the writer. If the Council decides that the biography shall be so published, the copyright therein shall be the property of the University until the Council shall decide otherwise; and the biography shall be published by the University as soon as possible.

7. This Statute may be varied from time to time, but the title and the purposes of the endowment shall not be changed.

Allowed 8th December, 1938.

Chapter LVI.—Of The Archibald Watson Prize.

Whereas the sum of £170 has been paid to the University by the former pupils of Archibald Watson, Emeritus Professor of Anatomy, for the purpose of founding a prize in his honour, it is hereby provided as follows:

1. There shall be an annual prize to be called The Archibald Watson Prize.

2. The prize shall consist of a printed reproduction of the portrait of Archibald Watson and the sum of six guineas.

*3. The prize shall be available for award annually to the candidate who shows the greatest merit in Surgical Anatomy at the November examination in the Science and Art of Surgery in the sixth year of the medical course and at such additional examination, if any, in surgical anatomy as the examiners may from time to time require.

4. If the examiners shall not consider any candidate worthy of the award, the prize shall lapse for that year.

5. The examiners shall be appointed by the Council on the recommendation of the Faculty of Medicine.

6. The prize shall not be awarded twice to the same person.

7. This statute may be varied from time to time, but the title and general purposes of the endowment shall not be altered.

* Allowed 17th January, 1952.

Allowed 10th December, 1936.

Chapter LVII.—Of the Affiliation of the South Australian School of Mines and Industries.

Whereas the University of Adelaide and the South Australian School of Mines and Industries have by mutual agreement combined to supply the instruction necessary in the various alternative courses for the degree of Bachelor of Engineering and whereas application has been made by the Council of the South Australian School of Mines and Industries for affiliation to the University:

It is hereby provided that the South Australian School of Mines and Industries shall be affiliated to the University of Adelaide to the extent following, that is to say, that the Council of the University may exempt students who have attended courses of instruction and passed examinations of the South Australian School of Mines and Industries from attendance at lectures, and from examinations, in corresponding subjects of the course for the degree of Bachelor of Engineering.

Allowed 10th November, 1937.

Chapter LVIII.—Of The T. G. Wilson Travelling Scholarship in Obstetrics.

Whereas the sum of †£2,000 has been paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship: It is hereby provided as follows:—

1. There shall be a scholarship to be called The T. G. Wilson Travelling Scholarship in Obstetrics.

2. The scholarship shall be tenable for one year, shall be of the value of £200, and shall be awarded from time to time as often as the income of the said capital sum permits. The first scholarship will be offered at the end of 1939.

3. The scholarship shall be awarded by a committee consisting of the Vice-Chancellor, the Dean of the Faculty of Medicine, and the Professor or Lecturer for the time being in Obstetrics and Gynaecology.

4. Payment of one-half of the scholarship shall be made upon approval of the proposed date of the scholar's departure from South Australia, and the balance three months after his arrival in London at the office of the Agent-General for South Australia or at such other place as the Council may direct.

*5. The scholarship shall be open to any graduate in Medicine of an Australian University of not more than five years' standing who (1) at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery has obtained marks in Obstetrics and Gynaecology at least equal to the standard of a pass with credit in the whole examination; (2) has served for a term of twelve months at least as resident medical officer in a general hospital and for six months as resident medical officer at the Queen Victoria Maternity Hospital or in any hospital used for the teaching of Obstetrics to medical students in the University of Adelaide; and (3) has been approved by the Professor or Lecturer in Obstetrics and by the Dean of the Faculty of Medicine for the time being as fitted for obstetrical work and likely to benefit by the further study of obstetrics. Preference will be given to a competent graduate of the University of Adelaide.

*6. It must be the declared intention of the scholar to practise obstetrics in South Australia, though not necessarily as a specialist.

7. Within such time after being awarded the scholarship as the Council shall in each case allow, the scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the scholarship is tenable in gaining obstetrical knowledge and experience in such manner as may be approved by the Council; provided that by special permission of the Council the scholar may spend the whole or part of his time in study or practical training on the continent of Europe or in Canada or in the United States of America.

8. The scholar must present himself for a higher examination in obstetrics, such examination being either the examination for membership of the College of Obstetricians and Gynaecologists of London or such other examination as may be approved by the Council.

9. This statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

† Increased to £2,500 in 1955.

• Allowed 7th December, 1939.

Allowed 15th December, 1937.

Chapter LIX.—Of the R. W. Bennett Prizes and Medal.

Whereas the late Richard William Bennett, K.C., LL.B., bequeathed the sum of £500 to the University for the purpose of establishing prizes and a medal for students in the Faculty of Law, it is hereby provided as follows:

1. There shall be annual prizes to be called the R. W. Bennett Prizes.

2. Each of such prizes shall consist of the sum of £8, or (at the option of the prizeman) of books to be selected by him of that value.

†3. One of such prizes may be awarded to any candidate for the degree of Bachelor of Laws who at any November examination is placed highest and passes with Distinction in one of the subjects prescribed for the Final Certificate in Law, and whose paper in the opinion of the Board of Examiners is of exceptional merit.

4. Not more than two such prizes may be awarded in any one year.

5. No candidate shall be awarded more than one such prize in any one year.

6. A candidate who is awarded three such prizes shall receive a bronze medal and shall be styled R. W. Bennett Scholar.

† Amendment allowed 22nd December, 1955.

Allowed 15th December, 1937.

Chapter LX.—Of The Sir Robert Chapman Prize.

Whereas the University has received the sum of £300 subscribed by former students of Sir Robert William Chapman, first Professor of Engineering and for fifty years a teacher in the University, for the purpose of founding a prize in his honour and memory: It is hereby provided as follows:

*1. There shall be an annual prize to be called The Sir Robert Chapman Prize.

2. The prize shall consist of a printed reproduction of the portrait of Sir Robert William Chapman, and the sum of ten guineas.

3. A prize shall be awarded each year to that fully matriculated student in the Faculty of Engineering who in the opinion of the Faculty shall have most distinguished himself during that year in the subject "Strength of Materials"; provided that no award shall be made unless the Faculty be satisfied that the student is worthy thereof.

4. If in any year no award be made, the prize for that year shall lapse.

5. This statute may be varied from time to time, but the title and the general purpose of the endowment shall not be altered.

* Allowed 25th August, 1955.

Allowed 15th December, 1937.

Chapter LXI.—Of St. Ann's College, Incorporated.

Whereas a college for women students in the University, to be known as St. Ann's College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

St. Ann's College Incorporated is hereby affiliated to the University of Adelaide as a College for women students who have been admitted to matriculation or *ad eundem statum* or who are engaged in any course of study at the University; provided that in special cases the College may admit for such limited period as it may deem desirable other unmatriculated students who are preparing to qualify for entry on any University course.

Allowed 16th December, 1948.

Note.—The College was first affiliated in 1939 and with the approval of the Council was officially opened for the residence of students and graduates on 4th May, 1947.

Chapter LXII.—Of The Anna Florence Booth Prize.

Whereas Sydney Russell Booth has paid to the University the sum of five hundred pounds** for the purpose of founding with the income thereof a prize in memory of his wife, to be called The Anna Florence Booth Prize, it is hereby provided as follows:

1. There shall be a prize entitled The Anna Florence Booth Prize which shall be offered annually.

†2. The Council shall award the prize on the recommendation of the Head of the Department of Psychology.

*3. To be eligible for the prize a candidate shall have qualified for the degree of Bachelor of Arts and shall have included a third-year course in Psychology in his course for the degree. The prize will be awarded to the candidate whose work in Psychology and in Social Studies shows most promise.

†4. The student who is awarded the prize shall present a satisfactory essay on a subject prescribed by the Head of the Department of Psychology in the field of social psychology. The essay must be handed to the Registrar before the 1st October in the year following the award of the prize or at such later date as may be approved by the Council.

†5. The prize shall be of the value of £16 payable in two equal instalments. The first instalment shall be paid when the award is made, and the second when the required essay has been approved by the Head of the Department of Psychology.

6. If in any year the prize be not awarded, the amount of the prize for that year shall be added to the capital of the fund and invested for the purpose of the prize.

7. The prize shall not be awarded twice to the same candidate.

8. This statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

**Subsequently increased by capitalisation of accumulated income to £750.

* Allowed 11th November, 1954, amended 15th January, 1959.

Allowed 5th December, 1940.

† Amended 15th January, 1959.

Chapter LXIII.—Of the William Gardner Scholarship and the William Gardner Prize.

Whereas the late Louise Gardner has bequeathed to the University the sum of £1,500 for the purpose of founding a scholarship in Surgery, and whereas the capital sum was increased on 31st December, 1953, to £2,042, it is hereby provided that:

1. There shall be a scholarship to be called the William Gardner Scholarship and a prize to be called the William Gardner Prize, each of which shall be offered for competition annually.

2. Only a student who, being neither a graduate in medicine or surgery of any other medical school nor a person who has been registered as a medical practitioner in South Australia or elsewhere, has completed the whole of the last three years of the medical course in the University of Adelaide and has passed the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year, shall be eligible to receive either the scholarship or the prize or both.

THE WILLIAM GARDNER SCHOLARSHIP.

3. The Scholarship shall be of the value of £45, and shall be paid to the scholar in one sum.

4. The Scholarship shall be awarded to the student who has been placed highest amongst such eligible candidates in Surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery in that year; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the whole examination and obtains in Surgery marks at least equal to the minimum standard required for a pass with credit in the whole examination.

THE WILLIAM GARDNER PRIZE.

5. The prize shall be of the value of the total income, less the sum of £45, derived in that year from the capital sum and shall be paid to the scholar in one sum.

6. The prize shall be awarded to the eligible student who (a) has obtained at the final examination marks in Surgery at least equal to the minimum standard required for a pass with credit in the whole examination, and (b) has obtained the highest aggregate marks in the remaining subjects of the examination.

7. If in any year either the scholarship or the prize or both be not awarded the amount of the award or awards for that year shall be added to the capital of the fund and invested for the purpose of the bequest.

8. This statute may be varied from time to time, but the title and purpose of the endowment shall not be changed.

Allowed 25th August, 1955.

Chapter LXIV.—Of The Shorney Medal and the Shorney Prize.

Whereas the late Mabel Shorney has on behalf of her family bequeathed to the University the sum of £1,000 for the purpose of perpetuating within the Medical School the memory of her late brother Herbert Frank Shorney, M.D., F.R.C.S., Lecturer in Ophthalmology from 1926 to 1933, it is hereby provided as follows:

THE SHORNEY MEDAL.

1. A bronze medal, to be called The Shorney Medal, shall be awarded to the best candidate in the subject of The Diseases of the Ear, Nose and Throat at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, provided that the candidate attains in that subject a standard at least equivalent to that required for a pass with credit in the whole examination, and that in the opinion of the examiners he is worthy of the award.

2. Only those candidates who pass in all the subjects of the final examination at the one examination shall be eligible for the medal.

THE SHORNEY PRIZE.

*3. A postgraduate prize, to be called The Shorney Prize, of the value of £100, shall be awarded to the candidate who in the opinion of the examiners has made the most substantial contribution to knowledge in the subjects of Ophthalmology or of Diseases of the Ear, Nose and Throat. The prize shall be offered alternately for work in Ophthalmology and in Diseases of the Ear, Nose and Throat.

4. The recipient must be a graduate of an Australian University.

5. The material submitted for the prize may be either a thesis or published work in medical or scientific literature.

6. Each candidate must declare that the work described is his own.

7. The prize shall be offered for competition from time to time as the accumulations of the fund permit.

8. The prize shall be offered at least twelve months before the last day for the receipt of applications.

9. The prize shall not be awarded on any occasion unless in the opinion of the examiners the material submitted is of sufficient merit.

10. This statute may be altered from time to time but the title and purpose of the endowment shall not be changed.

* Amended 14th December, 1950.

Allowed 10th December, 1942.

Chapter LXV.—Of The James Barrans Scholarship.

Whereas the late Sarah Barrans has bequeathed to the University the sum of £3,000 for the purpose of founding a scholarship in geological or metallurgical science in memory of her brother, the late James Barrans, it is hereby provided as follows:

1. There shall be a scholarship to be called The James Barrans Scholarship, which shall be offered for competition annually.

2. The scholarship shall be awarded by the Council on the recommendation of the Faculties of Science and of Engineering.

3. The value of each scholarship shall be £90.

4. A candidate for the scholarship shall either (a) be a graduate of not more than three years' standing, or be qualified to graduate, in Science with Geology as a principal subject of his course, or (b) be a graduate of not more than three years' standing, or have passed all the examinations necessary for graduating, in Engineering, in the Department of Metallurgy.

5. Applications for the scholarship must be lodged with the Registrar not later than the first day of November of each year, or such other date as in special circumstances the Council may fix. Each candidate must give particulars of his undergraduate record and specify the advanced study or the research work that he proposes to undertake.

6. Preference in the selection of the scholar will be given in alternate years to candidates in Science and Engineering respectively; but if in any year there be no candidate of sufficient merit from the group to which preference is to be given in that year, the scholarship may be awarded to a candidate of sufficient merit from the other group.

7. Subject to the provisions of Clause 8 the scholar shall, at the beginning of the next academic year following the award, enter upon such further study and research in geological or metallurgical science as may be approved by the Council, and on completion of such work shall present a report on his studies or a thesis embodying the results of his investigations, or both.

8. For a reason satisfactory to the Council a scholar may be permitted to postpone entering upon his further study or research for a period to be specified in each case.

9. Payment of the scholarship shall be made in three equal instalments as follows: one at the beginning of the academic term in which the scholar begins his work; the second on receipt of a report of the scholar's satisfactory progress in his studies or research, but not earlier than four months after the date of payment of the first instalment; and the third when the scholar has submitted a satisfactory report as required under Clause 7.

10. The scholarship shall not be awarded to the same person more than once.

11. If, in the opinion of the Faculties of Science and of Engineering, no candidate is of sufficient merit, the scholarship for that year shall lapse, and an additional scholarship may be awarded in a subsequent year in which there are two or more candidates of sufficient merit.

12. This statute may be varied from time to time, but the title and purpose of the scholarship shall not be changed.

Allowed 9th August, 1945.

Chapter LXVI.—Of Aquinas College, Incorporated.

Whereas a residential college in connection with the Roman Catholic Church for students of the University to be known as Aquinas College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University of Adelaide, it is hereby provided that:

Aquinas College, Incorporated, shall be affiliated to the University of Adelaide as a residential college in connection with the Roman Catholic Church for students of the University, provided that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 23rd January, 1947.

Chapter LXVII.—Of The Angas Parsons Prize.

Whereas the late the Honourable Sir Herbert Angas Parsons, K.B.E., LL.B., from 1921 until his retirement in 1945 one of His Majesty's Judges of the Supreme Court of South Australia, a graduate of the University, a member of the Council from 1915, Warden of the Senate from 1927 and Vice-Chancellor from 1942 until his death in 1945, has bequeathed to the University the sum of £1,000†:

It is hereby provided as follows:

1. In commemoration of Sir Angas Parsons' services to the University, and in order to encourage the advanced study of Law, there shall be a prize to be called The Angas Parsons Prize.

2. The prize shall be of the value of £50, and shall be available for award annually.

*3. Provided that, in the opinion of the examiners, there is a candidate of sufficient merit, the Prize shall be awarded to the candidate who is considered by the examiners to be the most meritorious of those qualifying for the Honours Degree of Bachelor of Laws.

† Reduced by succession duty to £900.

* Amendment allowed 22nd December, 1955.

Allowed 10th July, 1947.

Chapter LXVIII.—Of The Lucy Josephine Bagot Prize.

Whereas the University has received from Walter Hervey Bagot the sum of five hundred pounds (£500) for the purpose of founding, in memory of his late mother, a Prize for Operatic Singing: It is hereby provided that:

1. There shall be an annual prize to be called The Lucy Josephine Bagot Prize.

2. The prize shall consist of the sum of fifteen pounds (£15) and shall be awarded to the student of the Elder Conservatorium who shows the greatest ability in the performance of an approved Operatic Aria, together with a general knowledge of the work from which the Aria is derived.

3. The examiners shall consist of the Director of the Elder Conservatorium and two others to be appointed by the Faculty of Music.

4. If the examiners do not consider any candidate worthy of the award the prize shall lapse for that year, but in such event an additional prize may be awarded in a subsequent year.

5. The prize shall not be awarded twice to the same person.

6. This statute may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

Allowed 10th July, 1947.

Chapter LXIX.—Of the Selborne Moutray Russell Scholarships.

Whereas the sisters of the late Selborne Moutray Russell have paid to the University the sum of £1,000 for the purpose of providing in his memory scholarships tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, to be known as the Selborne Moutray Russell Scholarships, tenable at the Elder Conservatorium of Music.

2. One scholarship shall be awarded to a male singer; the other shall be awarded to the player of an orchestral instrument approved by the Director of the Elder Conservatorium.

*3. The annual value of each scholarship shall be £16/16/0 and shall be applied towards tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 8, each scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Selborne Moutray Russell scholarship in the same subject.

†5A. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

*7. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in the subject for which the scholarship would have been awarded.

8. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the Diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

†8A. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. Each scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture.

* Allowed 25th August, 1955.

† Allowed 16th December, 1948.

‡ Allowed 18th October, 1956.

Allowed 11th December, 1947.

Chapter LXX.—Of The Varley Scholarship.

Whereas John Varley has paid to the University the sum of £1,000 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be a scholarship to be known as The Varley Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 8, the scholarship shall be awarded to a player of the Viola.

*3. The annual value of the scholarship shall be £33/12/0 and shall be applied towards the payment of fees for one hour's tuition a week in the playing of the viola and tuition in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between the value of the scholarship and the fees for tuition approved by the Director of the Elder Conservatorium.

4. Subject to the provisions of Clause 9, the scholarship shall be tenable for three years.

5. A candidate for a scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for a Varley scholarship in the same subject.

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. If, in the opinion of the examiners, no candidate in Viola at an examination for the scholarship shows sufficient merit, the scholarship shall lapse for the period of one year, and for that year two exhibitions, each of half the value of the scholarship, may be awarded to players of the Violin, the Violoncello, or the Double Bass.

9. Except by special permission of the Director of the Elder Conservatorium, the holder of the scholarship in Viola shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

10. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

11. The scholarship shall be offered for competition either towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

Allowed 16th December, 1948.

Chapter LXXI.—Of the Anders and Reimers Scholarships.

Whereas the late Julie Sack has bequeathed to the University the sum of £734 for the purpose of providing two scholarships in memory of her husband and parents tenable at the Elder Conservatorium of Music, it is hereby provided as follows:

1. There shall be two scholarships, one to be known as The Franz and Catherine Anders Scholarship, and the other to be known as The Gustav Reimers Scholarship, each tenable at the Elder Conservatorium of Music.

2. The Franz and Catherine Anders Scholarship shall be awarded to a player of the Double Bass and the Gustav Reimers Scholarship to a player of the Violoncello.

3. The value of each scholarship shall be £10 10s. a year, payable in equal instalments at the beginning of each Conservatorium term.

4. Each scholarship shall normally be tenable for three years.

5. A candidate for either scholarship shall (a) be a British subject; (b) have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the scholarship; (c) be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize tenable for three years at the Elder Conservatorium shall be eligible to compete for either of these scholarships in the same subject.

6. Every candidate shall pay an examination fee of one guinea† and shall undergo such examination as the Council may direct.

*7. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination. If, in the opinion of the examiners, no candidate at the examination for a scholarship shows sufficient merit, that scholarship shall lapse for one year, after which it shall be offered again. If a scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year, equal to the annual value of the scholarship, to a student of the Elder Conservatorium of outstanding merit in string playing.

8. Except by special permission of the Director of the Elder Conservatorium, the holder of either scholarship shall take the three years' course prescribed for the Diploma of Associate in Music. If a scholar be permitted not to take the Diploma course, he shall be

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

‡ Amended 15th January, 1959.

required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may also be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. Each scholarship shall be offered for competition either towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

Allowed 16th December, 1948.

Chapter LXXII.—Of The Sir Archibald Strong Memorial Prize for Literature.

Whereas the University has received from the Misses Ruth and Alfreda Bedford on behalf of their sister, the late Sylvia Bedford, the sum of £500 for the purpose of founding with the income thereof an annual prize for literary work in memory of the late Sir Archibald Strong, formerly the Jury Professor of English Language and Literature in this University, it is hereby provided as follows:

1. A prize of the value of £15 or such other sum as the Council shall from time to time determine to be called The Sir Archibald Strong Memorial Prize for Literature shall be offered for competition annually.

2. All matriculated or graduate students taking the course in English II in any year shall be eligible to compete for the prize in that year.

3. Provided that there is a candidate of sufficient merit the prize shall be awarded after consideration of each candidate's work, including the final examinations, in English II and of an original essay or poem submitted by him not later than November 20 in the year concerned; the subject of such original essay or poem to have been approved in advance by the Jury Professor of English Language and Literature and the essay or poem not to comprise part of the candidate's prescribed curriculum for the course in English II.

Allowed 22nd December, 1955.

Chapter LXXIII.—Of the J. E. Jenkins Scholarships.

Whereas the late John Evan Jenkins has bequeathed to the University a portion of his estate for the purpose of founding a scholarship or scholarships in the University of Adelaide, preferably in the agricultural, domestic and social sciences to promote the common benefit of the metropolitan and rural sections of the community, it is hereby provided that:

1. There shall be two scholarships, to be known as the J. E. Jenkins Scholarships, each of such annual value as the Council shall determine from time to time.

2. One such scholarship shall be tenable by a man and the other by a woman in accordance with the provisions of this Statute.

*2A. Awards shall be made by the Council on the recommendation of a Committee appointed by the Council from time to time; and in recommending awards the Committee shall take into consideration, in addition to the academic records of the candidates, such other qualities and qualifications of candidates as it may deem appropriate to the general purposes of the scholarships as set out and expressed in the testator's memorandum dated June 3, 1941.

3. During each academic year of tenure of the scholarship the holder shall reside at a residential University college or hostel affiliated with the University of Adelaide: provided that if in the opinion of the Council there be no suitable accommodation available in a college or hostel in Adelaide the scholar may reside in such University college in the Commonwealth of Australia as he may choose.

4. Each holder of a scholarship shall undertake a course of study approved by the University Council, preferably in the agricultural, domestic or social sciences.

5. Only persons who have fulfilled the requirements for admission to their chosen courses of study shall be eligible to become candidates for the scholarships. Further, a candidate for the scholarship for men shall have come from the country or have been resident for at least twelve months continuously in the country or have served actively for at least twelve months in one of His Majesty's military services. In any case of doubt the Council shall decide what constitutes "country" for the purpose of this clause.

6. A scholarship shall be awarded for one year in the first instance, but subject to continued compliance with the provisions of this statute may be renewed annually while the scholar is pursuing the approved course.

7. Applications for awards or renewals of the scholarships shall be made on the prescribed form and lodged with the Registrar of the University not later than January 31 of each year.

8. Subject to the provisions of Clause 9, payment of the annual value of the scholarship shall be made in three equal instalments, one at the beginning of each academic term.

9. A scholarship may be suspended at any time if the Council is not satisfied with the scholar's progress, and may be determined at any time if in opinion of the Council the scholar be guilty of misconduct.

10. Any income from the endowment not expended at the end of any year shall be added to the capital of the fund for the scholarship concerned.

Allowed 16th December, 1948.

* Allowed 15th January, 1959.

Chapter LXXIV.—Of the Gladys Lloyd Thomas Scholarship for Violin.

Whereas Miss Gladys Lloyd Thomas has paid to the University the sum of five hundred pounds for the purpose of encouraging the study of the playing of the violin, it is hereby provided that:—

1. There shall be a scholarship for violin playing to be called The

Gladys Lloyd Thomas Scholarship which shall be tenable at the Elder Conservatorium of Music.

*2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for tuition in violin playing as a principal subject and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years, but the Council shall on the recommendation of the Director of the Conservatorium have power to extend the period of tenure.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in violin playing tenable for three years or more at the Elder Conservatorium shall be eligible to compete, but this clause shall not render a holder ineligible for an extension of tenure.

5. Every candidate shall pay an examination fee of one guinea†, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made, the Council on the recommendation of the Director of the Conservatorium shall have power to award an exhibition equal to the value of the scholarship for one year to a student of the Conservatorium of sufficient merit in String playing.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

* Allowed 25th August, 1955.

† Allowed 18th October, 1956.

10. The scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture, or at the beginning of the following year.

11. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 8th December, 1949.

Chapter LXXV.—Of the E. Harold Davies Scholarship for Organ.

Whereas the sum of £400,* raised by private subscription, has been paid to the University for the purpose of founding a scholarship to commemorate the work of E. Harold Davies, Mus.Doc., F.R.C.M., one-time Elder Professor of Music and Director of the Elder Conservatorium of Music, it is hereby provided that:—

1. There shall be a scholarship for organ playing to be called the E. Harold Davies Scholarship for Organ which shall be tenable at the Elder Conservatorium of Music.

†2. The annual value of the scholarship shall be £16/16/0 and shall be applied towards the payment of fees for organ playing as a principal subject and for such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of clause 8, the scholarship shall be tenable for three years.

4. A candidate for the scholarship shall:—

- (a) be a British subject;
- (b) have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;
- (c) be not more than 21 years of age on the first day of December in the year in which the examination is held.

No person who holds or has held a scholarship or prize in organ playing tenable for three years at the Elder Conservatorium shall be eligible to compete.

5. Every candidate shall pay an examination fee of one guinea‡, and shall undergo such examination as the Council may direct.

6. If in the opinion of the examiners no candidate at any examination shows sufficient merit, the scholarship shall lapse for the period of one year, after which it shall be offered again. In the event of no award being made the Director of the Conservatorium shall have power to recommend to the Council that an exhibition equal to the value of the scholarship for one year shall be awarded to a student of the Conservatorium of outstanding merit.

* Subsequently increased to £500.

† Allowed 25th August, 1955.

‡ Allowed 18th October, 1956.

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the diploma of Associate in Music or the course for the degree of Bachelor of Music.

8. If a scholar elect not to take the course for the diploma of Associate in Music or the degree of Bachelor of Music he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if in the opinion of the Council the holder of it be guilty of misconduct.

9. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. The scholarship shall be offered for competition towards the end of the year in which its tenure expires, whether by effluxion of time, resignation, or forfeiture or at the beginning of the following year.

11. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 8th December, 1949.

Chapter LXXVI.—Of the Gavin David Young Lectures in Philosophy.

Whereas the late Jessie Frances Raven has bequeathed to the University the sum of £2,450 for the purpose of establishing a fund in memory of her father, the late Gavin David Young, for the promotion, advancement, teaching and diffusion of the study of Philosophy, it is hereby provided as follows:

1. Series of lectures in Philosophy to be known as The Gavin David Young Lectures, shall be given from time to time in the University of Adelaide in accordance with the provisions of this Statute.

2. Normally, a series of the lectures shall be given every fourth year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecturer, who shall be appointed from time to time by the Council, may be selected from any country in the world; but the lectures shall be given, and subsequently printed, in the English language.

4. The annual income arising from the fund shall accumulate during the intervals between each series of lectures. The income thus accumu-

lated shall be used to pay the honorarium of the lecturer, the costs of publication of the lectures and such other expenses associated with the giving of the lectures as the Council may from time to time approve. The honorarium of the lecturer shall be £200.

5. Admission to the lectures shall be free to the public.

6. This Statute may be varied from time to time, but the title and object of the lectures shall not be changed.

Allowed 17th January, 1952

Chapter LXXVII.—Of The Baker Scholarship in Law.

Whereas Robert Colley Baker, Esquire, B.A., has paid to the University the sum of £5,000* for the advancement of the study of Law and for the purpose of founding a scholarship in memory of his father, the Honourable Sir Richard Chaffey Baker, K.C.M.G., K.C., M.A., and of his brother, John Richard Baker, Esq., B.A., LL.B.:

It is hereby provided that:

1. There shall be a Scholarship of the annual value of £150 and tenable for two years, to be known as "The Baker Scholarship in Law."

2. The Scholarship may be awarded biennially, or more often if the income of the endowment permits, by the Council to a candidate who satisfies the conditions of this statute and is recommended for such award by the Faculty of Law.

3. A candidate for the Scholarship must have been admitted to, or have become entitled to be admitted to, the degree of Bachelor of Laws in the University of Adelaide.

4. Each recipient of the Scholarship shall be styled "The Baker Scholar" and shall, with a view to presenting a thesis for the degree of Master of Laws, pursue a course of study approved by the Faculty of Law.

5. Payment of the Scholar's stipend shall be made in equal quarterly instalments, and before each payment the Scholar shall satisfy the Dean of the Faculty of Law that he is diligently pursuing his course of study. The last two quarterly payments may, in the discretion of the Faculty of Law, be withheld until the Scholar has submitted his thesis for the degree of Master of Laws.

6. The Scholarship shall not be awarded twice to the same person.

7. If the Faculty of Law shall not consider any candidate worthy of the award, no award shall be made.

8. This statute may be varied from time to time, but the general purpose of the endowment shall not be changed.

*Reduced by succession duty to £4,250.

Allowed 17th January, 1952

Chapter LXXVIII.—Of Lincoln College, Incorporated.

Whereas a residential college in connection with the Methodist Church of Australasia, South Australia Conference, for students of the University, to be known as Lincoln College, Incorporated, has been formed, and whereas application has been made for affiliation of the College to the University, it is hereby provided that:

Lincoln College, Incorporated, is hereby affiliated to the University of Adelaide as a residential college for men students who have matriculated at the University, or have been admitted *ad eundem statum* therein; provided that in special cases the College may admit students engaged in full Diploma courses approved by the University, or, for a period not exceeding twelve months, other unmatriculated students; and provided further that the College shall not be open for residence of students until such time as the Council of the University shall approve.

Allowed 20th December, 1951.

Chapter LXXIX.—Of The Frederick Bevan Scholarship for Singing.

Whereas the sum of £600 has been paid to the University for the purpose of founding a scholarship in singing to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935, it is hereby provided that:

1. There shall be a scholarship for singing to be called The Frederick Bevan Scholarship which shall be tenable at the Elder Conservatorium of Music.

2. The value of the scholarship shall be £21 a year.

3. The scholarship shall be awarded on the result of a competitive examination.

4. Subject to the provisions of clause 9, the scholarship shall be tenable for three years.

5. (1) Every candidate for the scholarship—

(a) shall be a British subject;

(b) shall have been resident in the State of South Australia for three years prior to the date of entry for the scholarship;

(c) shall be not more than 24 years of age on the first day of December in the year in which the examination is held.

(2) No person who holds or has held a scholarship or prize in singing tenable for three years or more at the Elder Conservatorium shall be eligible to compete.

6. Every candidate shall pay an examination fee of one guinea.*

7. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners no candidate at the prescribed examination shows sufficient merit, the scholarship shall lapse for one

* Allowed 18th October, 1956.

year, after which it shall be offered again. If no award be made, the Council shall have power to award an exhibition for one year without examination, to a Singing student of the Conservatorium who shall have been recommended by the Faculty of Music.

9. Every holder of the scholarship may take the three years' course prescribed for the diploma of Associate in Music. If a scholar elect not to take the diploma course he shall be required to pass an examination at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship may be determined at any time, if the holder of it is adjudged by the Council to have been guilty of misconduct.

10. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

11. The scholarship shall be offered for competition towards the end of the year in which its tenure expires by effluxion of time, or is determined by resignation or forfeiture, or at the beginning of the following year.

12. This Statute may be varied from time to time, but the title and general purpose of the scholarship shall not be changed.

Allowed 22nd January, 1953.

Chapter LXXX.—Of the Barr Smith Travelling Scholarship in Agriculture.

Whereas Sir Tom Elder Barr Smith has given to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith, Esquire.

Now it is hereby provided as follows:

1. The fund shall be called The Barr Smith Memorial Fund.
2. The object of the Fund shall be to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain by the maintenance of a Scholarship called the Barr Smith Travelling Scholarship in Agriculture.
3. The moneys constituting the Fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine and the income from such investments shall be used for the purposes of the Scholarship. During any vacancy in the Scholarship the income shall be accumulated and invested as aforesaid, with power to the Council to resort to such accumulations for the purpose of increasing the emoluments of the Scholarship in such manner as the Council in its discretion shall deem fit.

4. The Scholarship shall be tenable at Cambridge University and therefore the Scholar, before being confirmed in the Scholarship, must be accepted for admission by a College, and by the Board of Research Studies also if he is to be a Research Student.

5. The Scholar shall pursue either as an undergraduate or as a post-graduate student a course of study approved by the Electors in a subject or subjects connected with theory and practice of Animal Husbandry (preferably) or Agriculture or cognate to the Wool and Pastoral Industries.

6. The Electors shall consist of the Chancellor, the Vice-Chancellor, two members appointed by the Council and two members appointed by each of the Faculties of Science and of Agricultural Science.

7. The Scholarship shall be tenable for two years in the first instance and, upon application, may be extended for a third year and a fourth year if the Scholar has worked to the satisfaction of the Electors.

8. The Scholarship may not be held with any other scholarship or studentship which in the opinion of the Electors involves obligations inconsistent with those arising under this Statute. During his tenure the Scholar shall devote himself wholly to study or research and shall not systematically follow any business or profession or engage in any educational or other work which in the opinion of the Electors is inconsistent with the purpose for which the Scholarship is awarded.

9. The Scholarship shall be open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election, provided that, if there be no suitable candidate from the University of Adelaide, the Electors may invite applications from graduates and undergraduates of other Australian Universities subject to the same age limit.

10. If at any time it appears to the Electors that, through illness or lack of diligence or for any other reason deemed adequate by the Electors, the Scholar is not fulfilling and is not likely to fulfil the objects of the Scholarship the Electors may terminate his tenure of the Scholarship.

11. The nomination and election of a Scholar shall be made so that a newly-elected Scholar may enter upon his Scholarship when the previous Scholarship terminates or as soon as practicable thereafter.

12. The emolument of the Scholar shall be £750 per annum payable in quarterly instalments in advance.

13. This statute may be varied from time to time, provided that any such variations shall not make the Scholarship tenable otherwise than at Cambridge University nor alter the general object of the Fund as set out in Clause 2 above.

Allowed 25th August, 1955.

Chapter LXXXI.—Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture.

Whereas Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture, it is hereby provided as follows:

1. The scholarship shall be known as "The Kenneth and Hazel Milne Travelling Scholarship in Architecture".

2. The value of the scholarship shall be £A600; and the scholarship shall be offered for competition from time to time as the accumulated net income from the fund becomes sufficient to enable another award to be made.

3. A candidate for the scholarship shall be a graduate in Architecture of the University of Adelaide of not more than five years' standing by the closing date for applications.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Architecture and Town Planning, and in making its recommendations the Faculty shall take into consideration:

- (a) the academic records of candidates, with particular emphasis on the merits of the candidates' theses;
- (b) qualities of character; and
- (c) the likelihood of each candidate's taking an important part in the future of architecture in South Australia.

5. The selected candidate shall submit an itinerary and details of proposed study abroad for approval by the Faculty of Architecture and Town Planning; and confirmation of the award shall be subject to the Faculty's approval.

6. The value of the scholarship shall be paid in three instalments as follows:

- (a) one-third before departure from South Australia;
- (b) one-third on approval by the Faculty of a report from the scholar on the work that he had carried out during his first six months abroad; and
- (c) one-third on approval by the Faculty of a further report on the work that he had carried out during his second six months abroad.

7. The scholar will be expected to return to South Australia not earlier than two years and not later than five years after his departure under the scholarship; and he will be expected to practise the profession of architecture in South Australia for not less than three years after his return.

8. On his return to South Australia the scholar shall, if the University so desires, give one public address relating to the subject of his study, and shall make himself available to the University, if the University so desires, to give a short series of lectures or seminars or both in the Faculty of Architecture and Town Planning.

9. The scholar may undertake paid employment during the tenure of the scholarship provided that such employment is approved by the Faculty of Architecture and Town Planning as appropriate to the general purpose of the scholarship.

10. The monies constituting the fund shall be invested in such manner and form and in such securities as the Council in its absolute discretion shall from time to time determine.

Allowed 15th January, 1959.

STANDING ORDERS OF THE SENATE OF THE UNIVERSITY OF ADELAIDE

I. THE OFFICERS OF THE SENATE

1. A member of the Senate shall be elected annually as Warden.
2. The Warden shall preside at all meetings at which he is present.
3. The Warden shall take the chair as soon after the hour of meeting as twenty members are present.
4. If the office of Warden be vacant, or if the Warden shall be absent, or shall desire to take part in a debate, the Senate shall elect a Chairman, who, while in the Chair, shall have all the powers of the Warden; but if the Warden shall arrive after the Chair is taken, or shall cease to take part in a debate, the Chairman shall vacate the Chair.
5. A Clerk of the Senate shall be elected annually, and shall perform such duties as may be directed by the Warden.
6. The Clerk shall receive all notices of motion or of questions, and also all nominations of candidates for the office of Warden, Clerk, or Member of the Council.
7. The Clerk shall prepare, under the direction of the Warden, a Notice-paper of the business of every meeting, and issue it with the circular calling the meeting.
8. The Clerk shall, under the direction of the Warden, record in a book the Minutes of the Votes and Proceedings of the Senate.
9. Whenever an extraordinary vacancy shall occur in the office of Clerk, or when he shall be unable to act, the Warden may appoint some suitable person to act until a Clerk shall have been appointed.
10. Whenever an extraordinary vacancy shall occur in the office of Warden, or when the Warden shall from any cause be unable to act, the Clerk shall perform the duties of Warden until the next meeting of the Senate.

II. MEETINGS OF THE SENATE

11. The Senate shall meet at the University on the fourth Wednesday in the month of November.
12. The Warden may at any time convene a meeting of the Senate.
13. Upon a requisition signed by twenty members of the Senate setting forth the objects for which they desire the meeting to be convened, the Warden shall convene a special meeting to be held within not less than seven nor more than fourteen days from the date of the receipt by him of such requisition.
14. If after the expiration of a quarter of an hour from the time appointed for the meeting there shall not be twenty members present the meeting shall lapse.
15. If it shall appear on notice being taken, or on the report of a division by the tellers, that twenty members are not present, the

Warden shall declare the meeting at an end or adjourned to such time as he shall direct, and such division shall not be entered on the Minutes.

16. The Senate may adjourn any meeting or debate to a future day.

III. NOTICES.

*17. Notice of every meeting shall be given by circular posted six clear days before such meeting to the last-known address of every member resident in the State of South Australia, and to such other members of the Senate as may request notices to be forwarded to them.

*18. All notices of motion or of questions and all nominations must reach the Clerk at the University, before noon on the sixteenth day before the day of meeting.

* Amended by the Senate 23rd November, 1949.

IV. CONDUCT OF BUSINESS.

A. Agenda.

19. The business at any meeting shall be transacted in the following order, and not otherwise, except by direction of the Senate:

- (a) Reading, amendment, and confirmation of Minutes. Business arising out of the Minutes.
- (b) Election of Warden and Clerk.
- (c) Election of Members of the Council.
- (d) Questions.
- (e) Business from the Council.
- (f) Motions on the Notice-paper.
- (g) Other business.

20. Except by permission of two-thirds of the members present, no member shall make any motion initiating for discussion a subject which has not been duly inserted on the Notice-paper for that meeting.

21. Except subject to the preceding Order, no business shall be entered on at an adjourned meeting which was not on the Notice-paper for the meeting of which it is an adjournment.

B. Rules of Debate.

22. Whenever the Warden rises during a debate any member then speaking or offering to speak shall sit down and the Warden shall be heard without interruption.

23. If the Warden desires to take part in a debate, he shall vacate the chair for the time.

24. Every member desiring to speak shall rise in his place and address himself to the Warden.

25. When two or more members rise to speak the Warden shall call upon the member who first rose in his place.

26. A motion may be made that any member who has risen "be now heard," and such motion shall be proposed, seconded, and put without discussion or debate.

27. Any member may rise at any time to speak "to order."

28. A member may speak upon any question before the Senate or upon any amendment proposed thereto, or upon a motion or amendment to be proposed by himself, or upon a point of order, but not upon the motion that the question be now put, or that a member be now heard.

29. By the indulgence of the Senate a member may explain matters of a personal nature, although there be no question before the Senate, but such matters may not be debated.

30. No member may speak twice to a question before the Senate except in explanation or reply; but a member who has merely formally seconded a motion or amendment shall not be deemed to have spoken.

31. A member who has spoken to a question may again be heard to explain himself in regard to some material part of his speech, but shall not introduce any new matter.

32. A reply shall be allowed to a member who has made a substantive motion, but not to any member who has moved an amendment.

33. No member may speak to any question after it has been put by the Warden and the show of hands has been taken thereon.

34. No member shall reflect upon any vote of the Senate except for the purpose of moving that such vote be rescinded.

35. In the absence of a member who has given notice of a motion any member present may move such motion.

36. A motion may be amended by the mover with leave of the Senate.

37. Any member proposing an amendment may be required to deliver it in writing to the Warden.

38. Any motion or amendment not seconded shall not be further discussed, and no entry thereof shall be made on the Minutes.

39. A member who has made a motion or amendment may withdraw the same by leave of the Senate, granted without any negative voice.

40. No motion or amendment shall be proposed which is the same in substance as any question which during the same meeting has been resolved in the affirmative or the negative.

41. The Senate may order a complicated question to be divided.

42. When amendments have been made the main question as amended shall be put.

43. When amendments have been proposed but not made, the question shall be put as originally proposed.

44. A question may be suspended—

- (a) By a motion "That the Senate proceed to the next business."
- (b) By the motion : "That the Senate do now adjourn."

45. A debate may be closed by the motion "That the question be now put," being proposed, seconded, and carried, and the question shall be put forthwith without further amendment or debate.

C. Divisions.

46. So soon as a debate upon a question shall be concluded the Warden shall put the question to the Senate.

47. A question being put shall be decided in the first instance by a show of hands.

48. The Warden shall state whether in his opinion the "Ayes" or the "Noes" have it, but any member may call for a division.

49. When a division is called the Warden shall again put the question, and shall direct the "Ayes" to the right and the "Noes" to the left, and shall appoint a teller for each party.

50. The vote of the Warden shall be taken before the other votes, without his being required to leave the chair.

51. Every member present when a division is taken must vote except as hereinafter provided.

52. No member shall be entitled to vote in any division unless he be present when the question is put.

53. No member shall be entitled to vote upon any question in which he has a direct pecuniary interest, and the vote of any member so interested shall be disallowed if the Warden's attention be called to it at the time.

54. In case of an equality of votes the Warden shall give a casting vote, and any reasons stated by him shall be entered in the Minutes.

55. An entry of the lists of divisions shall be made by the Clerk in the Minutes.

56. In case of confusion or error concerning the numbers reported, unless the same can be otherwise corrected, the Senate shall proceed to another division.

57. While the Senate is dividing, members can speak only to a point of order.

D. Elections.

58. The annual election of Warden and of Clerk shall take place at the ordinary meeting in November.

*58a. Whenever an extraordinary vacancy shall occur in the office of Warden, the Senate, at its next meeting and without previous nomination being required, shall elect one of its members as Warden, and the member so elected shall hold office till the next November meeting.

59. Members of the Council shall be elected at the first meeting held after the vacancy shall have become known to the Warden.

• Passed by Senate, 28th March, 1894.

60. The members of the Senate shall be informed by circular when any vacancy occurs in the office of Warden, Clerk, or Member of Council, and such circular shall state the date up to which nominations will be received.

61. Every nomination shall be signed by at least two members of the Senate.

62. No person shall be proposed for election whose name has not appeared on the Notice-paper.

63. Any person nominated as a candidate for any office may by letter request the Clerk to cancel his nomination, and the receipt of such letter shall be held to cancel such nomination.

64. In all elections if no more than the required number of persons be nominated, the Warden shall declare them elected.

*65. If more than the required number of persons be nominated voting papers shall be distributed and every member present shall vote for the required number of candidates.

66. When the voting papers have been distributed the doors shall be closed until such time as the papers shall have been collected.

67. The Warden shall appoint from the members present as many scrutineers as he shall think proper, and shall assign them their duties.

†68. The votes shall be counted by the scrutineers, and the number of votes given for each candidate shall be reported to the Warden, who shall then declare the result of the election.

†68a. The Warden shall, subject to the Standing Orders, determine finally on questions of detail concerning the election.

E. Questions.

69. Questions touching the affairs of the University may be put to the Warden or to the Representative of the Council in the Senate.

70. The Warden may disallow any question which he thinks ought not to be put, and may alter and amend any question which is not in accordance with the Standing Orders, or which is in his opinion injudiciously worded.

71. The Warden or Representative of the Council to whom a question is put, may without reason assigned decline to answer at all or until notice thereof has been duly given.

72. By permission of the Senate any member may put a question in the absence of the member who has given notice of it.

73. By permission of the Senate a member may amend in writing a question of which he has given notice and put it as amended.

74. In putting any question no argument or opinion shall be offered nor shall any facts be stated except so far as may be necessary to explain such question.

75. In answering any question the matter to which it refers shall not be debated.

* Passed by Senate, 28th March, 1894.

† Passed by Senate, 26th July, 1922.

76. Replies to questions, of which notice has been given, shall be in writing, and having been read, shall be handed to the Clerk, and recorded in the Minutes.

77. Questions not on the Notice-paper shall not be recorded in the Minutes, nor shall the answers thereto.

F. Committee of the Whole Senate.

78. A Committee of the whole Senate is appointed by a resolution "That the Senate do now resolve itself into a Committee of the whole."

79. The Warden shall be Chairman of such Committee unless he be unwilling to act, in which case any other member may be voted to the chair.

80. When the matters referred to the Committee have been disposed of the Senate resumes, and the report of the Committee is at once proposed to the Senate for adoption.

81. When the matters so referred have not been disposed of, the Senate having resumed and having received a report of the Committee to the effect that the matters have not been fully disposed of, may appoint a future day for the Committee to sit again.

82. A member may speak more than once to each question.

83. A motion need not be seconded.

V. SELECT COMMITTEES.

84. Select Committees, unless it be otherwise ordered, shall consist of five members, who shall elect their own Chairman, and of whom three shall be a quorum.

85. The Chairman shall have both a deliberative and a casting vote.

86. At the time of the appointment of the Committee the Senate shall instruct the Committee as to the matters to be reported on by them, and their report shall be confined to such matters.

87. The Chairman shall present the report of the Committee to the Senate, and it shall be forthwith discussed or postponed for future consideration.

VI. SUSPENSION OF STANDING ORDERS.

88. Any of these Standing Orders may be suspended for the time being on motion made with or without notice, provided that a quorum shall be present, and that such motion shall have the concurrence of at least two-thirds of the members present.

The above Standing Orders were adopted by the Senate at a meeting held on the 2nd day of December, 1885, the previous mode having been rescinded.

FREDERIC CHAPPLE,

Warden.

December 2nd, 1885.

CALENDAR
OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1959

PART II.

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THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

1. The Elder Conservatorium, under the control of the Council of the University, is established for the purpose of providing a complete system of instruction in the Theory and Practice of Music.

2. The instruction of students shall be conducted by the Director and such professors, lecturers, and teachers as the Council shall appoint.

3. The Conservatorium shall provide a complete course of study for the Diploma of Associate in Music.

4. Students may take one or more principal subjects without proceeding to the diploma, or may take one or more secondary subjects or classes without taking a principal subject.

*5. The academic year shall consist of three terms as follows:

- (a) The first term shall begin on the eighth Monday in the year and shall continue for thirteen weeks.
- (b) The second term shall begin on the twenty-third Monday in the year and shall continue for ten weeks.
- (c) The third term shall begin on the thirty-fifth Monday in the year and shall continue for fifteen weeks including a vacation of two weeks beginning on the forty-fourth Monday in the year.

6. The following subjects may be taught in the Conservatorium:

(a) **PRINCIPAL SUBJECTS:**

Practical: Pianoforte; Violin; Viola; Violoncello; Flute; Oboe; Clarinet; Bassoon; French Horn; other orchestral instruments; Singing; Organ; The Art of Speech.

Theoretical: Harmony; Counterpoint; Composition.

Theory of Music, up to the first year diploma standard, is compulsory for all students of practical subjects, unless specially exempted.

(b) **SECONDARY SUBJECTS:**

Theory of Music; History of Music; Musical Form and Analysis; Ensemble Playing; Choral Singing; Orchestration; The Art of Accompaniment; and such other subjects as come within the scope of a musical education.

7. An intending student of any principal subject shall satisfy the Director of his fitness to enter upon the course of study proposed, and upon being admitted shall pay the entrance fee of 10s. 6d. and sign the non-graduating students' roll.

* Allowed 22nd December, 1955.

8. Except in special circumstances approved by the Council, a student of a principal subject shall enter the Conservatorium for a minimum period of one year; and a student entering later than the second quarter in any year shall undertake to complete four quarters' work. The student, or if he be under the age of twenty-one years, his parent or guardian, shall give an undertaking to pay the fees for a year.

†9. (a) The fee for one principal subject, with such secondary subjects or classes as may be approved by the Director, shall be arranged between the teacher and the student and approved by the Director; but no such fee shall be less than £16/16/0 a year.

‡(b) The fees shall be paid either in one sum at least seven clear days before the first day of the first term of the Conservatorium year or in three instalments each at least seven clear days before the first day of each term.

(c) A student who desires to take additional secondary subjects or classes may do so with the approval of the Director and on payment of the fees prescribed.

(d) The fees for secondary and other subjects and classes shall be as prescribed by the Council from time to time.

*9A. Each student of a principal subject shall (a) pay an annual general service fee to be prescribed annually by the Council; and (b) attend regularly such series of lecture recitals and concerts in the Conservatorium as may be prescribed by the Director; provided that (a) a student concurrently enrolled for the degree of Bachelor of Music or the Diploma of Associate in Music shall be exempted from payment of the annual general service fee; and (b) in exceptional cases and for extraordinary reasons a student may, upon written application to the Director, be exempted from attendance at such lecture recitals and concerts.

10. At the end of the year each student who has been studying a principal subject may, upon application in writing, receive a report of progress, signed by the Director.

11. (a) Scholarships may be established from time to time by the Council, or by private individuals, under such conditions as the Council may approve.

(b) Except with the express permission of the Director, the holder of any scholarship tenable within the Conservatorium shall not be a member of any other musical association, nor shall he accept any musical engagement outside the Conservatorium.

12. All students shall conform to the present and all future rules "Of the Elder Conservatorium."

† Allowed 25th August, 1955.

* Allowed 22nd January, 1953.

‡ Allowed 22nd December, 1955.

Allowed 16th December, 1948.

SCHEDULE OF FEES PRESCRIBED BY THE COUNCIL

Principal Study (30-minute lesson):

£37/16/0 a year, or £12/12/0 a term.

Secondary Study (20-minute lesson):

£18/18/- a year, or £6/6/0 a term.

Class Subjects (principal study fees cover Basic Theory and General Musical knowledge classes):

For one class - - - - - £5/5/0 a year

For two or more classes - - - - £7/17/6 a year

General Service Fee:

£1/10/0 a year

Diploma Course:

£63 a year, or £21 a term

OF THE ELDER CONSERVATORIUM

RULES

All students studying principal subjects shall conform to the following rules:—

1. Arrangements for continuing or receiving lessons shall be made through the Director, and all fees shall be paid to the Registrar of the University at the beginning of each term.

2. Students intending to discontinue lessons must give notice to the Director in writing of such intention at least one month before the end of the term.

3. Students shall attend punctually at the hour appointed for their lessons, and in the event of absence shall notify the Secretary.

4. Students shall not, except by permission of the Director, receive their lessons elsewhere than at the Conservatorium.

5. Students shall attend such orchestral, vocal, or other class as the Director shall deem essential to their progress.

6. Students shall not take part in any public concert, or accept any public engagement, elsewhere than at the Conservatorium, except by permission of the Director.

7. Students shall not, except by permission of the Director, publish any composition. A copy of any composition so published shall be deposited in the Library of the Conservatorium.

8. Students guilty of impropriety or breach of the rules shall be reported to the Board of Discipline.

Made by Council, 18th July, 1919.

THE ELDER SCHOLARSHIPS REGULATIONS

1. Scholarships to be held at the Elder Conservatorium, and known as Elder Scholarships, shall be offered for competition among Australasian students of music.

*2. One scholarship shall for the present be awarded in each of the following subjects:—Singing; Pianoforte; Violin; Organ; Violoncello.

†3. The limits of age for candidates shall be as follows:

For Singing, not less than 16, nor more than 24 years

For Organ and Violoncello, not more than 24 years

For Pianoforte and Violin, not more than 21 years

on the first day of December in the year in which the examination is held.

No candidate who holds, or who has held, any other scholarship or prize tenable for three years at the Elder Conservatorium for any of the above subjects, shall be eligible to compete for an Elder Scholarship in the same subject.

4. Candidates for scholarships shall undergo such examination as the Council may from time to time direct. An examination fee of £1 1s. 6d. shall be paid by each candidate.

5. Should none of the candidates competing for a scholarship in any subject show sufficient merit, or should there be no candidates, it may be left vacant until such time as the Council shall direct, or the Council may award it for another subject.

6. A scholarship shall be tenable for three years, unless sooner determined under Regulation 7, and shall entitle the holder to free tuition in one principal and one or more secondary subjects, to be approved by the Director.

The principal subject of study shall be the subject for which the scholarship was awarded. Scholars taking Violin as the principal subject of study shall, unless exempted by the Director, also study the Viola. The period of tenure may be extended by the Council, but a scholarship shall not be awarded a second time to the same student for the same principal subject, and no person may hold more than one of the Elder Scholarships at the same time.

†7. Every holder of a scholarship may take the three years' course prescribed for the Diploma of Associate in Music. If a scholar elect not to take the Diploma course, he shall be required to pass an examination in his principal subject at the end of each year of the scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the scholarship for the remaining portion of the term of three years, unless the Council shall otherwise decide. A scholarship shall also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

* Allowed 2nd December, 1926

† Allowed 10th December, 1925

† Allowed 30th November, 1933.

§ Allowed 18th October, 1956.

‡8. A scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

‡8a. A scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. A person elected to a scholarship who, by reason of being able to pay for his or her education, or for other sufficient reason, declines to accept the emoluments thereof, may bear the title of Honorary Elder Scholar. In such a case the Council may direct that the funds of the scholarship be devoted to assist deserving students to meet the cost of their musical education.

10. These Regulations may be varied from time to time.

‡ Allowed 16th December, 1948.

Allowed 13th December, 1917.

Awards.

For previous awards, see Calendars from 1908.

Awarded for 1956—

Barratt, Lindsay John (Violoncello).

Awarded for 1957—

Siggs, Meredith Lillian (Violin).

Petchell, Brian Mark (Organ).

Smith, David Aitchison (Pianoforte).

Awarded for 1958—

Gurner, Ruth Eleanor (Singing).

Awarded for 1959—

Finnis, Catherine M. (Violoncello).

ELDER CONSERVATORIUM FREE SCHOLARSHIP RULES

1. There shall be an annual scholarship to be called The Elder Conservatorium Free Scholarship which shall exempt the holder from payment during the tenure thereof of any fees for tuition or examination in not more than one principal subject in the Elder Conservatorium. The tenure of the scholarship shall be for one year.

2. The scholarship shall be awarded to such one of the students of the Elder Conservatorium as the Chancellor shall select from among those who, having for at least one academical year studied music in the Conservatorium, shall within one week after the end of that year be severally recommended in writing to him by their respective teachers for exceptional merit shown during that year in their respective courses of study. The Chancellor shall satisfy himself that each student whom he selects is a person of limited means. If on the expiration of such week the office of Chancellor shall be vacant, or the Chancellor shall be absent from South Australia, the Vice-Chancellor shall act in his stead.

3. Immediately after the end of each term during the tenure of the scholarship, the teacher of each scholar shall present to the Council a report as to the scholar's progress in musical studies and diligence; and the Council, whenever dissatisfied with any report, may, after or without inquiry, suspend temporarily or take away the scholarship, or admonish the scholar. Whenever a scholarship shall during any academical year become for any cause vacant, the vacancy shall not be filled during that year.

4. The scholarship shall not be awarded oftener than once to any student.

5. The Council may rescind or vary these Rules, but no rescission or material variation shall apply to any scholar during tenure of the scholarship or (if made after the commencement of an academical year) to any student who, but for such rescission or variation, would have been entitled to compete during that year for the scholarship.

THE ALEXANDER CLARK MEMORIAL PRIZE

This prize was founded by the Public Schools Decoration and Floral Societies in memory of Alexander Clark. It is of the annual value of £12 10s., and is tenable for three years at the Elder Conservatorium.

For conditions, see Statutes, Chapter XXXVII, page 204.

Awards.

For previous awards, see Calendars from 1934.

Awarded for 1951—

Partridge, Geoffrey Thomas (Pianoforte).

Awarded for 1955—

Taverner, Margaret (Pianoforte).

Awarded for 1958—

Kneebone, Barbara Frances (Singing).

Awarded for 1959—

Hutchesson, Margaret J. (Pianoforte).

THE EUGENE ALDERMAN SCHOLARSHIPS

These scholarships were founded in memory of Eugene Alderman. For conditions, see Chapter XLI of the Statutes, page 209.

Awards.

For previous awards, see Calendars from 1924.

Awarded for 1954—

Leonard, Mary Jocelyn (Pianoforte).

Awarded for 1955—

Cann, Melvyn (Violin).

Awarded for 1957—

Macpherson, Margaret Webster (Singing).

Awarded for 1958—

Grange, Marilyn Lyle (Violin).

THE SELBORNE MOUTRAY RUSSELL SCHOLARSHIPS

The sisters of the late Selborne Moutray Russell have founded in his memory two scholarships each tenable for three years at the Elder Conservatorium of Music.

For conditions, see Statutes, Chapter LXIX, page 225.

Awards.

For previous awards, see Calendars from 1954.

Awarded for 1954—

Cornish, William Rodolph (Oboe).

Awarded for 1955—

Rodger, Trevor (Singing).

Awarded for 1956—

Best, Michael Robert (Oboe).

Awarded for 1958—

Hodge, Warren David Payne (Singing).

THE LUCY JOSEPHINE BAGOT PRIZE

An annual prize for Operatic Singing to be called The Lucy Josephine Bagot Prize was founded in 1947 by Walter Hervey Bagot in memory of his mother.

For conditions, see Statutes, Chapter LXVIII, page 225.

Awards.

For previous awards, see Calendars from 1954.

1955—Wallace, Nita.

1957—Hatcher, Ralph Kelvin.

1956—Rodger, Trevor Stuart.

1958—Davies, Jean M.

THE VARLEY SCHOLARSHIP

This scholarship, tenable for three years by a player of the viola, was founded in 1948 by John Varley with a gift of £1,000.

For conditions, see Statutes, Chapter LXX, page 227.

Awards.

For previous awards, see Calendars from 1958.

1950—

1959—

Ridgway, Athol John

Rozelaar, Amanda M.

1955—

Field, Christine

THE ANDERS AND REIMERS SCHOLARSHIPS

These scholarships, each tenable for three years, were founded in 1948 by a bequest from the late Julie Sack.

For conditions, see Statutes, Chapter LXI, page 228.

The Franz and Catherine Anders Scholarship is tenable by a player of the Double Bass.

Award.

1950—Loughhead, D. C.

The Gustav Reimers Scholarship is tenable by a player of the Violoncello.

Awards

For 1953—Warnecke, Mary. For 1957—Robjohns, Gwenyth.

For 1955—McDonald, Harry Roy.

THE ROBERT WHINHAM PRIZE FOR ELOCUTION

Whereas the Trustees of the late Robert Whinham have given the sum of £84 9s. 6d. for the purpose of providing a yearly Prize in Elocution, to be called after the late Robert Whinham, and the Council of the University of Adelaide have agreed to invest that sum and to apply the income thereof in the manner specified in these rules: It is hereby provided that in consideration of the receipt by the University of the above-mentioned sum—

1. The prize shall be called The Robert Whinham Prize.
2. The prize shall be of the annual value of £5, and shall be offered at a special examination in the third term of each year.
3. Only students who shall have attended the Elocution Class for at least three terms (not necessarily consecutive, but including the term in which the examination is held) shall be eligible to compete.
4. The prize shall be awarded to the student who obtains the highest marks, provided the Council are satisfied that such student is worthy to receive it, or, at the option of the examiner, it may be divided equally between the best man and the best woman student, provided the Council are satisfied that each such student is worthy to receive it.
5. Candidates shall be examined in the following subjects:—(a) Reciting; (b) Reading at sight; (c) Prepared reading or Prepared speaking (at the option of the candidate).
6. These rules may be varied from time to time by the Council.

Made by Council, 30th October, 1914.

Awards.

For previous awards, see Calendars from 1911.

1953—Bice, Brenda M.

1956—Mackie, Georgina.

1954—Liston, Janet Elaine.

1957—Brown, Patricia Lorraine.

1955—Dillon, Judith Lynette

1958—Graham, Meredith M.

THE GLADYS LLOYD THOMAS SCHOLARSHIP
FOR VIOLIN

This scholarship was first provided by Miss Thomas in 1945 and was endowed by her in 1949.

For conditions, see Statutes, Chapter LXXIV, page 230.

Awards.

For 1945—

Sawtell, Dorothy H.

For 1948—

Whitford, Pauline M. C.

For 1951—

Perry, John W. J.

For 1954—

Lawton, John W. M.

For 1957—

Levy, Juliette I. H.

THE E. HAROLD DAVIES SCHOLARSHIP FOR ORGAN

This Scholarship was founded by public subscription in 1949 to commemorate Dr. E. Harold Davies, for 28 years Elder Professor of Music.

For conditions, see Chapter LXXV of the Statutes, page 232.

Awards.

For 1951—

Thiele, James.

For 1954—

No award.

For 1955—

von Einem, Lyal Bernard

For 1958—

(Exhibition in lieu of scholarship)

von Einem, Lyal Bernard

For 1959—

(Exhibition in lieu of scholarship)

Krieg, Lesley R.

THE ELDER CONSERVATORIUM OLD SCHOLARS' ASSOCIATION PRIZE

RULES

Whereas the Elder Conservatorium Old Scholars' Association has expressed a desire to found a prize tenable at the Elder Conservatorium of Music and to provide from year to year the sum of £25 necessary for that purpose, the following rules are hereby prescribed:

1. The prize so provided shall be called The Elder Conservatorium Old Scholars' Association Prize, and shall be tenable for one year at the Elder Conservatorium of Music.

2. The value of the prize shall be £25 and shall be applied towards tuition fees in the principal subject for which it is awarded, and in such secondary subjects as may be approved by the Director of the Elder Conservatorium.

3. The prize shall be open for competition in any subject which is taught as a principal subject at the Elder Conservatorium. No restriction shall be placed on the choice by a candidate of any such subject, but the candidate shall indicate the subject or subjects in respect of which he submits his application.

3a. The prize shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

4. The prize shall be awarded for one year. The holder will be eligible to compete again for the prize, and if successful to hold it for a second year, but no one shall hold it for more than two years.

5. A candidate for the prize shall be a British subject and shall have been resident in the Commonwealth of Australia for at least one year prior to the date of entry for the prize. No person who holds or has held a scholarship tenable for three years at the Elder Conservatorium shall be eligible to compete for the Elder Conservatorium Old Scholars' Association Prize in the same subject.

6. Every candidate shall pay an examination fee of £1 ls. and shall undergo such examination as the Council may direct.

7. The prize shall be awarded only if in the opinion of the examiners there is a candidate of sufficient merit.

8. The prize may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

8a. A prize-winner shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. The prize shall be offered for competition either towards the end or at the beginning of the Conservatorium year.

Awards.

For previous awards, see Calendars from 1952.

For 1955—

Smith, David.

For 1956—

Marshall, Robert J.

For 1957—

Heck, Judith A.
(Pianoforte).

For 1958—

Chapman, John P.
(Pianoforte).

For 1959—

Godfrey, Shirley T.
(Pianoforte).

THE DR. RUBY DAVY PRIZE FOR COMPOSITION

RULES

Whereas the late Dr. Ruby Davy has bequeathed to the University the sum of £300 to found a prize for the composition of music it is hereby provided as follows:

1. There shall be a prize, of the value of not less than £10, to be called The Dr. Ruby Davy Prize.

2. The Prize shall be awarded annually to the student of the School of Music or of the Elder Conservatorium of Music who submits the most meritorious composition in accordance with the conditions prescribed for the competition in that year.

3. The Faculty of Music shall from year to year—

- (a) prescribe the nature of the competition for the ensuing year;
- (b) prescribe the conditions that shall apply to the competition for that year; and
- (c) appoint a Board of Examiners, the Chairman of which shall be the Elder Professor of Music.

4. If in the opinion of the examiners at any competition no candidate submits a composition worthy of the award the Prize shall lapse for that year; and the value of the Prize for that year shall be added to the capital of the endowment.

5. The Prize shall not be awarded twice to the same person.

6. These rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

THE GULI MAGAREY FUND AND SCHOLARSHIP RULES

Whereas the late Gulielma Magarey has bequeathed to the University two sums each of £500, one for the purpose of establishing a fund to supplement the value of the Elder Scholarship tenable at the Royal College of Music, London, and the other for the purpose of founding a Scholarship tenable in the Elder Conservatorium of Music:

The following rules are hereby made:

THE GULI MAGAREY FUND

1. The sum of £500 shall be set aside, known as the Guli Magarey Fund, and invested; and the sum of £16 a year shall be paid to the current holder for the time being of the South Australian Scholarship tenable at the Royal College of Music, London, founded by the late Sir Thomas Elder.

2. If the said Scholarship shall be vacant for any period income from the Fund at the rate of £16 a year shall accumulate during that period and subsequently be paid to the next holder of the Scholarship.

3. Subject to the provision of Clause 2, payment to the Scholar shall be made annually in or about January of each year, each payment comprising the total amount available for that purpose under Clauses 1 and 2 since the last payment had been made.

THE GULI MAGAREY SCHOLARSHIP

4. The Guli Magarey Scholarship shall be of the annual value of £16, shall be available for award annually and shall be tenable for one year. It shall be awarded for singing to a female student of the Elder Conservatorium of Music.

5. A candidate for the Scholarship shall have been resident in South Australia and shall have been a student at the Elder Conservatorium of Music for at least six months prior to, and shall be not less than seventeen or more than twenty-four years of age on, the first day of December of the year in which the examination is held.

6. Every candidate for the Scholarship shall pay an examination fee of £1 1s. and shall undergo such examination as the Council may direct.

7. The Scholarship shall be awarded to the candidate who shows the greatest musical talent and promise and not necessarily to the most advanced performer at the examination.

8. If in the opinion of the examiners in any year there is no candidate of sufficient merit, no award shall be made and the moneys which would have been paid had the Scholarship been awarded shall be added to the value of the Scholarship on the next occasion on which an award is made.

9. These Rules may be varied from time to time but the title and general purposes of the endowment shall not be changed.

Awards.

For previous awards, see Calendar for 1956.

For 1956—	For 1958—
Macpherson, Margaret W.	Annear, Gwenyth.
For 1957—	For 1959—
Davies, Jean Marcia.	Lasscock, Janet.

THE FREDERICK BEVAN SCHOLARSHIP FOR SINGING

This scholarship was founded in 1952 to perpetuate the name and memory of Frederick Bevan, Teacher of Singing in the Elder Conservatorium of Music from 1898 to 1935.

For conditions, see Chapter LXXIX of the Statutes, page 235.

Awards.

For previous award, see Calendar for 1958.

For 1956—	For 1959—
Hearne, Janice Lesley.	Annear, Gwenyth.

ORCHESTRAL SCHOLARSHIPS

Since 1939 the Council has offered annually five scholarships for orchestral instruments, tenable at the Elder Conservatorium, in accordance with the following rules:—

1. One scholarship is offered for each of the following subjects:—
Flute; Oboe; Clarinet; Bassoon; French Horn.
2. The age limit of candidates shall not be more than 24 years on the first day of December in the year in which the examination is held.
3. A candidate may not hold more than one of these scholarships at any one time.
4. Candidates for scholarships shall undergo such examination as the Council may from time to time prescribe. An examination fee of £1 1s. shall be paid by each candidate.
5. If there is no candidate, or no candidate of sufficient merit, for any scholarship the scholarship shall be left vacant until such time, and shall be filled in such manner, as the Council shall decide.
6. A scholarship shall be tenable in the first instance for one year. It shall then be re-offered for competition and the holder shall be

eligible for re-appointment to the scholarship for a second year. No scholarship shall be awarded to the same candidate for more than two years.

7. A scholarship shall entitle the holder to free tuition in the principal subject for which it is awarded and in such secondary subjects as may be approved by the Director of the Conservatorium.

8. A scholarship may be terminated by the Council at any time if in the opinion of the Council the scholar is not making sufficient progress, or for any other reason deemed sufficient by the Council.

Awards.

For previous awards, see Calendars since 1941.

For 1956—

Pegge, Edmund Cyril Colbeck (French Horn).
Burden, Daine Adrian Salmon (Flute).
Fowler, Malcolm Charles (Oboe).
Shepherd, Brian (Clarinet).
Davies, Peter Owen Alfred Lawe (Bassoon).

For 1957—

Terry, Graham Robert (Clarinet).
McLeod, John George (Bassoon).
Lisners, Ursula } (Oboe).
Walker, Patricia }
Kenny, Michael John (French Horn).

For 1958—

Whyte, Graham Howard (Flute).
Terry, Graham Robert (Clarinet).
McLeod, John George (Bassoon).

For 1959—

Quick, Alison R. (Flute).
Radford, Geoffrey P. (Bassoon).

ELDER OVERSEAS SCHOLARSHIP

This scholarship, which is open for competition amongst all native-born South Australians, was established by a bequest of £3,000 by Sir Thomas Elder to the Royal College of Music, London. This scholarship is tenable at the Royal College for a period of three years which in some cases may be extended to four years; its present value is £100 a year, from which the scholar must pay his fees, the remainder being available for maintenance. The income from the Guli Magarey Fund (see p. 257) is used to supplement the living allowance of the scholar.

The scholarship is offered for competition every three or four years, the scholar being chosen on the results of a special examination.

Awards.

For previous awards, see Calendar for 1958.

1946—Govenlock, James.
1951—Fearn, Peggy.

1954—Schramm, Kathryn.
1957—Stubbs, Ruth M.

THE MAUDE PUDDY SCHOLARSHIP

RULES

Whereas the sum of £500 has been raised by a Committee of her former students and has been paid to the University for the purpose of founding a Scholarship in pianoforte in honour of Maude Puddy, Teacher of Pianoforte at the Elder Conservatorium of Music, the following rules are hereby made:

1. The Scholarship shall be called "The Maude Puddy Scholarship for Pianoforte," and shall be tenable at the Elder Conservatorium of Music.

2. The annual value of the Scholarship shall be £15/15/-, or such other sum as the Council may from time to time determine, and shall be applied towards tuition in pianoforte playing and in such secondary subjects as may be approved by the Director of the Elder Conservatorium. It shall be a condition of the award that the scholar shall pay the difference between this sum and the fees for tuition approved by the Director of the Elder Conservatorium.

3. Subject to the provisions of Clause 8, the Scholarship shall be tenable for three years, but the Council, on the recommendation of the Director of the Elder Conservatorium, may extend the period of tenure.

4. If, in the opinion of the examiners, no candidate at any examination shows sufficient merit, the Scholarship shall lapse for one year, after which it shall be offered again. If the Scholarship so lapses, the Council, on the recommendation of the Director of the Elder Conservatorium, may award an exhibition equal to the annual value of the Scholarship for one year to a student of the Conservatorium of outstanding merit.

5. Every candidate for the Scholarship shall pay an examination fee of £1 1s., and shall undergo such examination as the Council may approve.

6. No person who has previously held the Scholarship may be a candidate for it.

7. The Scholarship shall be awarded to the candidate who shows the greatest talent and promise in pianoforte playing, and not necessarily to the most advanced performer at the examination. Other things being equal, preference shall be given to a candidate who is prepared to undertake either the course for the Diploma of Associate in Music or the course for the Degree of Bachelor of Music.

8. If a Scholar elect not to take the course for either the Diploma of Associate in Music or the Degree of Bachelor of Music, he shall be required to pass an examination in pianoforte at the end of each year of the Scholarship. If at any examination he shall fail to give sufficient evidence of progress, he shall thereupon forfeit the Scholarship for the remaining portion of the term of three years, unless the Council shall decide otherwise. A Scholarship may be determined at any time if in the opinion of the Council the holder of it be guilty of misconduct.

9. A Scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

10. These rules may be varied from time to time, but the title and general purposes of the endowment shall not be changed.

Awards.

For 1955—Lindh, Carlene.

For 1958—Chappell, Glenys M.

THE ATHOL LYKKE AWARD FOR POSTGRADUATE STUDIES IN MUSIC

RULES.

Whereas the sum of £1,860, raised by a Committee of Citizens to commemorate the work of Athol Lykke for music in South Australia, has been paid to the University for the purpose of promoting post-graduate studies in Music, it is hereby provided as follows:

1. There shall be an Award to be called The Athol Lykke Award for Postgraduate Studies in Music.

2. The value of the Award shall be not less than £A300; an Award shall be offered from time to time as often as the income from the fund permits; and the first Award shall be offered in 1959. No award shall be made unless there is a candidate of sufficient merit.

3. A candidate for an Award shall be a graduate in Music, or a holder of the Diploma of Associate in Music, of the University of Adelaide. Preference will be given to graduates or diploma holders of not more than five years' standing.

4. Every candidate shall pay an entrance fee of £1 1s.

5. The Award shall be made by a Committee under the Chairmanship of the Dean of the Faculty of Music, appointed for the purpose by the Faculty of Music.

6. The holder of an Award shall pursue an advanced course of study approved by the Faculty of Music.

7. Within such time after receiving the Award as the Council shall in each case allow, the Scholar shall proceed to Great Britain or Ireland and there spend the whole of the time during which the Award is tenable in gaining musical knowledge and experience in such a manner as may be approved by the Council: provided that on the recommendation of the Faculty of Music the Council may grant the Scholar permission to spend the whole or part of his time in study or practical training on the Continent of Europe, or in Canada, or in the United States of America, or in Australia.

8. Payment of the Award shall be made in such instalments as the Faculty may determine, provided that the University may at any time suspend payment if it is not satisfied with the holder's progress in his studies.

9. These rules may be varied from time to time, but the title and purpose of the Award shall not be changed.

THE LIENAU SCHOLARSHIP

RULES.

Whereas Christian Hans Augustus Lienau has bequeathed to the University the sum of £500 for the purpose of providing a scholarship tenable at the Elder Conservatorium of Music, it is hereby provided as follows:—

1. There shall be a scholarship to be known as the Lienau Scholarship tenable at the Elder Conservatorium of Music.

2. Subject to the provisions of Clause 7, the scholarship shall be awarded to a Tenor.

3. The scholarship shall be tenable for one year and shall be awarded every alternate year subject to Clause 7. Its value shall be £40, and shall be applied by a student of the Tenor Voice towards the payment of fees for studies in Singing and such secondary subjects as may be approved by the Director of the Elder Conservatorium.

4. A candidate for the scholarship shall be not more than twenty-four years of age on the first day of December in the year in which the examination is held.

5. Every candidate for the scholarship shall pay an examination fee of one guinea and shall undergo such examination as the Council may direct.

6. The scholarship shall be awarded to the candidate who shows the greatest musical talent and promise, and not necessarily to the most advanced performer at the examination.

7. If in the opinion of the examiners no candidate at an examination for the scholarship shows sufficient merit the scholarship shall lapse for one year after which it shall be offered again. If a scholarship so lapses, the Council on the recommendation of the Director of the Elder Conservatorium, may award an exhibition for one year to the value of £20 to a student of the Elder Conservatorium of outstanding merit in singing.

8. The scholar shall take part in such Conservatorium concerts, classes and other activities as the Director of the Conservatorium may require.

9. Allowing for the conditions of the award of an Exhibition under Clause 7, the scholarship shall be offered for competition only when the value of it has reached the sum of £40.

THE WAITE AGRICULTURAL RESEARCH INSTITUTE

The Waite Agricultural Research Institute was established in 1924 as a result of the gift of the late Mr. Peter Waite to the University of Adelaide for the purpose of furthering the cause of research in agriculture and allied subjects. The original endowment comprises an estate of 299 acres of agricultural and grazing land situated near Glen Osmond, a mansion house, and a Trust Fund of £58,450.

Subsequent endowments, the income from which is devoted to the work of the Institute, include those of the late Mrs. Elizabeth Macmeikan and Miss Lily Waite, daughters of Mr. Peter Waite, the Ranson Mortlock Trust, the gift of the late Mrs. Rosye F. Mortlock and Mr. J. T. Mortlock, part of the residuary estates of the late Mr.

Hugh Hughes and of the late Mr. W. H. Sandland, and the estate of the late Mr. W. D. Grigg.

The estate lies on the scarp of the Adelaide foothills, within four miles of the city of Adelaide. Portion of the estate comprises wheat land, 280-390 feet above sea-level, whilst the remainder is representative of the hilly country at the foothills of the Mount Lofty Ranges. To the original estate have been added 92 acres by purchase, and a further area of 50 acres associated with the Urrbrae Agricultural High School is leased from the Education Department of South Australia.

The laboratories have been made possible through the generosity of the late Sir John Melrose and the families of the late Mr. John Darling and Mr. Frederick Ranson Mortlock. The John Melrose Laboratory was opened in 1929, the John Darling Laboratory in 1930, and the Ranson Mortlock Laboratory in 1938. A laboratory designed specially for undergraduate teaching and for biological research was added in 1948.

In addition to the laboratories, a range of glasshouses, including a cool house, two implement sheds, a cereal barn, and a wool shed have been erected since 1925. The John Mortlock Field Station is maintained at Yudnapinna, in the north-west pastoral country.

Apart from its original and subsequent endowments the Waite Institute derives the great part of its income through grants from the Government of South Australia. The Institute is reimbursed for certain maintenance expenditure incurred on behalf of officers of the Commonwealth Scientific and Industrial Research Organization for the Division of Soils and the Australian Wine Research Institute. Grants are received from the Wool Research Committee, the Barley Improvement Trust Fund, the Rural Credits Development Fund of the Commonwealth Bank of Australia and Imperial Chemical Industries of Australia and New Zealand Ltd.

The Waite Institute is the headquarters of the Division of Soils of the Commonwealth Scientific and Industrial Research Organization.

The Institute provides facilities for teaching in the advanced years of the Faculty of Agricultural Science and in association with the appropriate schools of pure science in the University for post-graduate training and research.

The scientific work of the Institute is centred round the study of the principles of crop and pasture husbandry and of the scientific disciplines which may be associated with this aspect of agriculture. Through a grant from the Wool Research Committee, a small unit of animal husbandry has recently been established within the Department of Agronomy. Research and teaching is carried out in the five departments:

AGRONOMY (which includes Crop Genetics and Plant Breeding,

Animal Husbandry and Systematic Botany).

AGRICULTURAL CHEMISTRY (which includes Soil Science).

PLANT PATHOLOGY (which includes Soil Microbiology).

ENTOMOLOGY.

PLANT PHYSIOLOGY.

There is also a section of biometry.

For the staff of the Institute, see page 58.

THE ANTI-CANCER CAMPAIGN COMMITTEE

The Anti-Cancer Campaign Committee of the University of Adelaide was formed in 1928 to aid research into problems of cancer, and to provide and extend modern methods of treatment of cancer in South Australia. In that year the Commonwealth Government had lent to the Adelaide Hospital half a gram of radium in the form of needles and tubes, and as there was no radiotherapy department at the hospital the early efforts of the Committee were devoted to the provision of a medical officer, a deep X-ray plant and the necessary clerical and technical personnel to establish a Radiotherapy Department. With increasing requirements, the Committee was called upon to spend more and more of its funds on the Radiotherapy Department until it was responsible for four salaried medical officers and four physicists employed there. By agreement with the Board of the Hospital it was then arranged that the Committee should be financially responsible for the research activities of the Radiotherapy Department, while the Board would provide funds for the routine treatment of patients, and as a result three of the Committee's medical officers were transferred to the Public Service.

ADMINISTRATION: The General Committee which decides matters of major policy consists of about 50 members who represent a wide cross-section of the community. This Committee has appointed various sub-committees, including an Executive Committee and a Finance Committee, for the day-to-day conduct of its affairs.

FINANCE: The Committee's funds are derived from the following sources: (a) Gifts and bequests; (b) Income from gifts and bequests which have been invested; (c) Government grants and subsidies; (d) Public appeals.

Three public appeals for funds have been made; the first in 1928 realised about £6,000, the second in 1939 about £3,000, and the third in 1950, through a Lord Mayor's committee, more than £100,000. Part of the latter was designed to pay for a very high-voltage X-ray machine which has now been installed at the Royal Adelaide Hospital.

Government grants and subsidies include £5,000 from the Federal Government in 1929, and from the South Australian Government £5,000 in 1929, £2,500 in 1939, £3,000 per annum between 1938 and 1952 and £5,000 per annum since then. In addition a £16,000 subsidy has been granted towards the purchase of the supervoltage plant, while the Government has also met the large expense of housing the plant at the Royal Adelaide Hospital.

RESEARCH: The Committee has adopted the policy that, with the funds and facilities available to it, clinical research would probably be the most rewarding; to that end a medical officer and stenographer are employed in recording the cases of cancer in the Royal Adelaide Hospital for statistical analysis in due course, while the early interest was largely centred on the Radiotherapy Clinic at the hospital. Much of the time of the four physicists is employed in fundamental research, some of which has been of considerable value to radiotherapy; the Committee has provided the necessary money for its publication.

It has also subsidised specified projects in the Institute of Medical and Veterinary Science, and in recent years granted financial aid to Professor Badger and Professor Jordan for the engagement of technical staff for enquiries into chemical and biological properties of certain carcinogenic agents and into the nucleoproteins of various tissues, including malignant tissues.

In addition the Committee bears the cost of the provision, housing, maintenance and operation of the plant used to collect and dispense radon gas from the 450 mg. of radium lent by the Federal Government for the purpose; the radon is used partly for research but mainly for the treatment of patients.

EDUCATION: To enable them to keep in touch with the most recent developments in their field, the Committee has, in whole or in part, paid for overseas study tours by a pathologist and two physicists. It has also enabled a medical officer and the physicists to attend approved scientific conferences in Australia, with subsequent advantage to the State. From time to time memoranda on various aspects of the cancer problem have been sent to medical practitioners in South Australia, and limited public education campaigns were conducted in 1950 and in 1957.

RESOLUTIONS CONCERNING THE COMMEMORATION OF UNIVERSITY ALUMNI

Whereas it is desirable that the University shall commemorate any of its alumni who shall have achieved marked distinction, it is hereby resolved that:—

1. The Council may determine by an absolute majority, and upon such evidence as it shall deem sufficient, and subject to the concurrence of the Senate, to commemorate after death any alumnus of this University who shall have been a great benefactor thereof, or shall have achieved distinction in any career or subject, and in particular:—

By signal acts of courage in the performance of duty or in the cause of humanity.

By eminent services to South Australia or the Empire.

By signal acts of Philanthropy.

By attaining eminence in Science, Literature, Art, or any Profession.

2. The Council shall transmit to the Senate for its concurrence a copy of each determination, together with a statement of the evidence and reasons in its favour, and the nature and situation of the intended memorial.

3. The modes of commemoration shall be inexpensive, and may be by mural tablets or other memorials erected within the precincts of the University, and bearing commemorative inscriptions. Each inscription shall contain a brief statement of the grounds upon which the commemoration has been awarded, and the statement shall be recorded also in the minutes of the Council.

4. The Council shall compile and keep a record of the Academic and extra-University career of each alumnus.

5. Private persons also may, in modes and upon grounds approved by the Council (by an absolute majority) and by the Senate, commemorate deceased alumni by memorials erected within the precincts of the University. The design of each memorial, the inscription to be placed upon it, and its situation, must be approved by the Council.

Persons desirous of approval shall supply such evidence and information as the Council shall require, and comply with such terms and conditions as the Council shall impose.

6. The foregoing and any future resolutions may be altered or added to by an absolute majority of the Council, with the concurrence of the Senate.

Concurred in by Senate, 22nd August, 1900.

Alumni Commemorated:

Hopkins, William Fleming, B.A. (Ad.), M.B. (Melb.), Surgeon-Captain in the Australian Regiment, 1901.

Campbell, Allan James, M.B., B.S. (Ad.), Surgeon-Captain in Steiniker's Horse, 1903.

RESIDENTIAL COLLEGES

By the Acts of Parliament under which the Adelaide University was founded provision was made for affiliation to the University of residential colleges in which students could enjoy the advantages of residence, discipline, and tuition supplementary to that given by the staff of the University.

ST. MARK'S COLLEGE

St. Mark's College, the first residential college in the University of Adelaide, was founded by a committee formed at a public meeting held under the chairmanship of the Bishop of Adelaide on 29th May, 1922. The Committee obtained some £12,000 by public subscription, bought the residence of the late Sir John Downer on Pennington Terrace, North Adelaide, and secured two acres of land adjoining, thus providing room for the foundation of a College of 150 men. The College was affiliated in 1924, and opened for students in March, 1925. It was immediately found necessary to provide additional accommodation, and in 1925-6 and in 1926-7 a three-storey building of thirty rooms was erected as the first portion of a main quadrangle on the vacant land. Since then the College has acquired additional properties and buildings and now provides residence for over 100 tutors and undergraduates.

The College is governed by a Council of twenty-four members representing the Church of England, the Council of the University, the Governors of St. Peter's College, the College Council, and the Old Collegians. The Chairman is Sir J. Keith Angas. Although the

College is primarily under the sponsorship of the Church of England, it is freely open to men of all religious denominations.

From 1941 to 1945 inclusive the College leased its property to the Royal Australian Air Force. It re-opened in March, 1946, and again afforded residence in close proximity to the University, together with special tutorial assistance and other facilities for students.

Intending entrants should apply to

The Master—R. B. Lewis, B.A., B.Sc., St. Mark's College, Pennington Terrace, North Adelaide; Telephone M 9211.

ST. ANN'S COLLEGE

St. Ann's College was founded as the result of bequests by the late Mr. Sidney Wilcox of his house and grounds at Brougham Place, North Adelaide, and of a substantial sum of money to establish an undenominational college for women students attending the University. The College was incorporated and affiliated with the University in 1939. Owing to the outbreak of war in that year and for other reasons the College did not open until 1947.

The College comprises the late Mr. Wilcox's residence and three adjoining properties purchased by the College Council. Situated within ten minutes' walk of the University, it provides a comfortable home in pleasant grounds for the students, who are afforded tutorial help in their studies and trained supervision. The College has accommodation for 60 students.

The College Council consists of fifteen members, of whom ten are women. It is comprised of two nominees of the University Council, two nominees of the Women Graduates' Association, one nominee of the Headmistresses' Association, and ten elected members. Dr. Helen Mayo is Chairman of the Council, Miss L. K. Symon Chairman of the Finance Committee, and Mrs. F. R. Hone Chairman of the House Committee.

Further details can be supplied by Miss L. Bush, M.A., Principal, St. Ann's College, Brougham Place, North Adelaide, or by L. T. Ewens, Chartered Accountant (Aust.), Secretary and Bursar, 12 Pirie Street, Adelaide.

AQUINAS COLLEGE

Aquinas College was incorporated in 1946 and by a statute of the University in 1947 was affiliated to the University as a Residential College under the auspices of the Roman Catholic Church for students of the University. In 1947, as a result of a public appeal, a substantial sum of money was collected, and in 1948 "Montefiore," just behind Colonel Light's Statue in North Adelaide, was purchased as a site for the College. This house was, for many years, the residence of the late Sir Samuel James Way, Chief Justice of South Australia for 40 years, and for 33 years Chancellor of the University. An

additional two-storey building containing 26 bed-study rooms and the Junior Common Room was erected in the grounds in 1950. In 1951, the property, 21 Strangways Terrace, was purchased as a further addition to the College buildings. In 1953, Sir Collier Cudmore's home, 24 Palmer Place, was purchased and altered to provide a new kitchen, scullery, dining hall, chapel, common room and maids' quarters. There is now accommodation for about 70 resident students.

With the approval of the University Council, the College was opened in 1950, 20 students being accepted in that year. On Sunday, September 30, 1951, the Formal Opening was performed by the Chancellor of the University, the Hon. Sir John Mellis Napier, K.C.M.G., LL.B.

The College is governed by a Council nominated by the Archbishop of Adelaide. The Most Rev. M. Beovich, D.D., Ph.D., is President of the Council, and the Most Rev. B. Gallagher, Ph.D., Bishop of Port Pirie, is Vice-President.

Applications for admission are made to the Rector and must be accompanied by satisfactory evidence of good character. Every student of the College signs the following declaration:

"I hereby promise to obey honourably the regulations of the College, to submit to its discipline, and to do all I can to uphold the honour of the College."

Tutorial classes and individual tuition are given in the College with the special object of assisting students in their University work. Non-resident students, men and women, are admitted to all College classes.

Students of the College enjoy the advantage of residence close to the University, corporate life, instruction in the doctrine and discipline of the Church, and tuition supplementary to University lectures. No student can be admitted to the College unless he has matriculated in the University, or proposes to matriculate within six months of his entry; and no student can remain a member of the College unless the College authorities are satisfied with his conduct and diligence.

The Rector is the Very Rev. Father Michael Scott, S.J., M.Sc., and the Dean is the Rev. Thomas Daly, S.J., B.Eng.Sc.

LINCOLN COLLEGE

Lincoln College was established by the South Australian Conference of the Methodist Church of Australasia for students attending the University of Adelaide. For this purpose the residence of the late George Milne, Esq., in Brougham Place, North Adelaide, was purchased in 1951.

The College was incorporated in November, 1951, and the University granted affiliation in the following month. With the permission of the University Council, the College opened in March, 1952, with an enrolment of twenty-two students.

The purchase of a second property on Brougham Place and the leasing of a further property in Tynte Street has provided accommodation for a total of eighty-five students.

In addition to an initial gift of £10,000 by the Methodist Church, a further £35,000 has been raised by public subscription.

The College is governed by a Council appointed by the Methodist Conference, to which the University Council appoints two representatives. The Chairman of the Council is the Rev. E. T. Pryor.

There is no credal condition for membership of the College. Applications for admission are made to the Master, and must be accompanied by satisfactory evidence of good character. College tutorial classes are arranged, and students are assisted in their University work. College classes are also open to non-resident students.

The College is situated within easy walking distance of the University, and the Students' Club organises the activities of the Junior Common Room.

The Master is the Rev. Frank Hambly, M.A., B.D.

AFFILIATION TO THE UNIVERSITIES OF CAMBRIDGE AND OXFORD

UNIVERSITY OF CAMBRIDGE

Previous Examination.

The Previous examination of the University of Cambridge consists of three parts: Part I—Languages other than English (of which either Latin or Greek is compulsory); Part II—Mathematics and Science; Part III—English subjects.

A student who has passed the Matriculation Examination of the University of Adelaide may be exempted from the whole or part of the Previous Examination, according to the subjects in which he has passed at Leaving standard.

Degree Status.

The University of Adelaide is an Associated Institution in relation to the University of Cambridge, and graduates of Adelaide, who have been members of the University for three years at least, are entitled to the privileges of affiliation, including exemption from the Previous Examination, the right to reckon the first term of residence at Cambridge as the second, third, or fourth and other privileges depending upon the particular course of study which it is proposed to pursue at Cambridge.

Further particulars regarding these privileges may be obtained from the Registrar, University of Adelaide. D.55/33.

UNIVERSITY OF OXFORD.

Responsions.

A person who has passed the Leaving Examination conducted by the University of Adelaide may be exempted from Responsions (Matriculation Examination) in the University of Oxford, provided that he has passed in two of the following languages, of which Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

Junior and Senior Status.

1. Any student of the University of Adelaide who has pursued at the University a course of study prescribed by it and extending over at least two years may be admitted to the status and privileges of a Junior Student in the University of Oxford; provided that his course of study and the standard attained by him in any examinations proper to such a course are approved by the Hebdomadal Council. No course will be approved for this purpose which does not include the study of two of the following languages, of which either Latin or Greek must be one, viz., Latin, Greek, French, German, Italian, Spanish.

2. Any person who has obtained at the University of Adelaide a degree approved by the Hebdomadal Council may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, a course of study extending over at least three years.

(Note.—The Adelaide degrees, which have been approved by the Hebdomadal Council in this connexion are those of B.A., M.A., B.Ec., B.Sc., B.Ag.Sc., B.E., M.B., and LL.B.).

3. A medical student of the University of Adelaide may be admitted to the status and privileges of a Senior Student; provided that he has pursued at the University of Adelaide, or if the Hebdomadal Council in his case so approve at the University of Adelaide and other approved University or Universities, for at least three years a course of study leading to a degree in Medicine and has passed all examinations incidental to that portion of the course.

Particulars of the privileges of Junior and Senior Students may be obtained from the Registrar, University of Adelaide. D.55/33.

RECOGNITION OF THE UNIVERSITY BY TRINITY COLLEGE, DUBLIN

ARTS

Any student of this University producing the proper certificates that he has passed two years in Arts studies or has passed the examinations belonging to that period, will be entitled to put his name on

the books of Trinity College, Dublin, as a Senior Freshman—a student with one year's credit; with this reservation, that if the Course of Arts which he has pursued does not include all the subjects of the Junior Freshman year, the Senior Lecturer may require him to qualify by examination in the omitted subject, or subjects, within one month after his name has been entered on the books.

MEDICINE

The Board of Trinity College, Dublin, has also passed the following resolution concerning medical studies:—

“That in Medical Schools recognized by the University of Dublin, two consecutive *anni medici*, taken at any period during the four years of the medical curriculum, be recognized as qualifying for admission to the examinations of the School of Physic.”

RECOGNITION BY THE ROYAL INSTITUTE OF CHEMISTRY

The Royal Institute of Chemistry has placed the University on the list of Institutions recognised for the training of candidates for the examinations of the Institute. Candidates for the associateship, who hold an Honours degree in Chemistry of the University, may apply under regulation 9 (3) for exemption from the examination.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS

The Australian Society of Accountants will grant exemption from all the examinations of the Society to Bachelors of Economics of the University of Adelaide who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economic Statistics I. Applications for such exemption should be made to the State Registrar of the Society, from whom further information may be obtained.

THE AUSTRALASIAN INSTITUTE OF COST ACCOUNTANTS

The Australasian Institute of Cost Accountants (which is affiliated with the Australian Society of Accountants) will grant exemption from examinations of the Institute to graduates who hold the Bachelor of Economics degree, with a pass in Cost Accounting, and who join the Australian Society of Accountants. Applications for exemption should be made to the State Registrar of the Institute from whom further information may be obtained.

ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

The University is a member of the Association of Universities of the British Commonwealth, which publishes the *Universities Year-book* containing an epitome of the Calendars of the various Universities of the Commonwealth with a full staff directory and a brief record of recent developments. Copies may be obtained from the Secretary of the Association at 36 Gordon Square, London, W.C.1.

THE INSTITUTE OF CHARTERED ACCOUNTANTS IN AUSTRALIA

The Institute of Chartered Accountants in Australia will grant exemptions from the Institute's Preliminary examinations and both stages of the Intermediate examination to graduates of the University who hold the Bachelor of Economics degree, and who have completed the Commerce (Scheme A) course for the degree with passes in Elements of Accounting, Management Accounting, Financial Accounting, Commercial Law A, Commercial Law B, Economics I and Economics II. Applications for exemption should be submitted to the State Registrar of the Institute, from whom further information may be sought.

THE JOSEPH FISHER LECTURE IN COMMERCE

The undermentioned Lectures have been delivered at the University in accordance with the provisions of Chapter XXVIII of the Statutes (see page 197). A list of the Lectures delivered between 1904 and 1928, inclusive, can be found in University Calendars prior to 1959:—

- 1929—"Public Finance in Relation to Commerce," by Professor R. C. Mills, LL.M., D.Sc. (Econ.).
- *1930—"Current Problems in International Finance," by Professor T. E. G. Gregory, D.Sc. (Econ.).
- *1932—"Australia's Share in International Recovery," by A. C. Davidson, Esq.
- *1934—"Gold Standard or Goods Standards," by L. G. Melville, Esq., B.Ec., F.I.A.
- 1936—"Some Economic Effects of the Australian Tariff," by Professor L. F. Giblin, D.S.O., M.C., M.A.
- *1938—"Australian Economic Progress against a World Background," by Colin Clark, Esq., M.A.
- *1940—"Economic Co-ordination," by Roland Wilson, Esq., B.Com., D.Phil., Ph.D.
- *1942—"The Australian Economy during War," by the Right Hon. R. G. Menzies, K.C., LL.M., M.P.
- *1944—"Problems of a High Employment Economy," by H. C. Coombs, Esq., Ph.D.
- *1946—"Necessary Principles for Satisfactory Agricultural Development in Australia," by Professor S. M. Wadham, M.A.

- *1948—"The Importance of the Iron and Steel Industry to Australia," by Essington Lewis, Esq., C.H.
- *1950—"The Economic Consequences of Scientific Research," by Professor J. B. Condliffe, M.A., D.Sc.
- *1952—"Australian Agricultural Policy," by J. G. Crawford, Esq., M.Ec.
- *1954—"Economics of Federal-State Finance," by Professor W. Prest, M.A., M.Com.
- *1956—"Japan and the General Agreement on Tariffs and Trades," by Professor J. E. Meade, C.B., M.A., F.B.A.
- *1958—"National Superannuation—Means test or contributions," by Professor R. I. Downing, B.A., Dip.Ec.

*Copies of these lectures may be obtained free of charge on application to the Registrar, University of Adelaide. The other lectures are out of print.

THE AUSTRALIAN SOCIETY OF ACCOUNTANTS LECTURE IN ACCOUNTANCY

Whereas in 1945 the Council accepted the offer of the Commonwealth Institute of Accountants to provide an annual sum for the purpose of promoting an annual public lecture on some aspects of Accounting; and whereas that offer has subsequently been renewed by the Australian Society of Accountants (hereinafter called the Society) which on its formation in 1952 absorbed the Commonwealth Institute of Accountants, it is hereby provided as follows:

1. A lecture to be called the Australian Society of Accountants Lecture in Accounting shall be given annually in the University in accordance with these Rules.

2. The selection of the Lecturer, and the general arrangements for the lecture, shall be made by the Council of the University, on the advice of a Committee consisting of two representatives of the University nominated by the Faculty of Economics and two representatives of the Society.

3. The administrative work associated with the lecture shall be carried out by the University, except that all invitations for members of the Society shall be sent to the Society for distribution by the Society.

4. Beginning in the year 1958, the Society shall pay the University each year the sum of £50, which shall be paid into a fund from which the University shall pay all the costs of the lecture including such travelling and other expenses of the Lecturer, and such other expenses incidental to the giving of the lecture, as the Council may approve.

5. The lecture shall, as soon as practicable after it has been delivered, be published by the Society in its Journal; and the Society shall make available to the University without cost, for free distribution, such reprints as may be required.

6. Admission to the lectures shall be free.

7. These rules may be varied from time to time by the Council, with the consent of the Society.

The following lectures have been given:

- 1945—"Theory and Practice in Accounting for Commodity Stocks," by Mr. A. A. Fitzgerald, B.Com., F.I.C.A.
- 1946—"Differential Costs as an Aid to Management," by Mr. W. D. Scott, F.I.C.A., A.C.A. (Aust.).
- 1947—"Basic Concepts of Cost," by Mr. H. F. Downes, Dip.Com. (Melb.), A.C.I.A.
- 1948—"Modern Developments in Corporate Accounting," by Mr. R. A. Irish, F.I.C.A., F.C.A. (Aust.).
- 1949—"The Formal Structure of Accounts," by Mr. F. Sewell Bray, F.C.A., F.S.A.A., Senior Nuffield Research Scholar in Applied Economics, Cambridge.
- 1950—"Accounting and Financial Policy," by Mr. R. J. Chambers, B.Ec., A.I.C.A.
- 1951—"Integration of Taxation and Accountancy Principles in Commonwealth Income Tax," by Mr. J. M. Greenwood, LL.B., F.I.C.A.
- 1953—"Dilemmas and Challenges in Modern Accounting," by Professor Mary E. Murphy, Ph.D. (London), C.P.A.
- 1954—"The Capital Structure of Australian Companies," by Mr. K. C. Keown.
- 1956—"Depreciation—Purposes and Methods," by Professor M. L. Black, Jnr., M.B.A., C.P.A.
- 1957—"Current Accounting Developments in the United States," by Professor Robert L. Dixon, M.B.A., Ph.D., C.P.A., Professor of Accounting, University of Michigan.
- 1958—"The Province of Accounting," by Professor Louis Goldberg, B.A., M.Com., F.A.S.A.

THE ROBIN MEMORIAL LECTURE

Whereas a committee of old students and friends of the late Professor Rowland Cuthbert Robin, M.E., has raised a sum of money and given it to the University for the purpose of establishing a memorial lecture, it is hereby provided as follows:

1. A lecture to be known as The Robin Memorial Lecture shall be given from time to time in the University of Adelaide in accordance with the provisions of these Rules.

2. Normally a lecture shall be given each alternate year, but the Council may vary that interval on any occasion for a reason which it deems adequate.

3. The lecture shall be on some subject which the Council, with the advice of the Faculty of Engineering, considers to be in accordance with the general theme "Engineering and the Community."

4. The lecturer, who shall be an eminent engineer or other person of eminence, shall be appointed by the Council on the nomination of the Faculty of Engineering.

5. The annual income arising from the fund, and from any subsequent donations thereto, shall accumulate during the intervals between lectures. The income shall be used to pay the honorarium of the lecturer, and such of his expenses and of the other expenses associated with the giving of the lecture as the Council may from time to time approve. The honorarium of the lecturer shall be ten guineas, until the Council decides otherwise.

6. Admission to the lectures shall be free to the public.

7. These Rules may be varied from time to time, but the title and object of the lecture shall not be changed.

Lectures

1954—"The Engineer in the Community," by Sir Claude Gibb, Kt., M.E., F.R.S.

1956—"Water and the Community," by Mr. W. H. R. Nimmo, M.C.E., M.Inst.C.E., M.Am.Soc.C.E., M.I.E.(Aust.).

ADULT EDUCATION CLASSES

These classes—consisting of Tutorial Classes, Lecture Classes, and Study Circles—were established by the University in 1917 to provide facilities in further education for people who have no intention of proceeding to a degree, and are unable to attend the ordinary University courses. In 1958 the administration of classes was made the responsibility of the Adult Education Board set up by the Council of the University. A tutorial class covers a three years' period of study, with 24 meetings in each year, each meeting consisting of an hour's lecture followed by questions and discussion. Students are expected to do written work prescribed by the tutor and to give an assurance of regular attendance.

Lecture classes and study circles also meet 24 times a year, but students are not obliged to do written work.

The University provides a library for students of these classes. Students pay a fee of £1 1s. for one class, and 10s. 6d. for each additional class in which they enrol.

Syllabuses and further information about University extra-mural work may be obtained on application to the Director of Adult Education, The University, Adelaide, or to the General Secretary of the Workers' Education Association, The University, Adelaide.

SUMMER SCHOOL OF BUSINESS ADMINISTRATION

Since 1956 the Faculty of Economics, in co-operation with other departments of the University, has organised an annual one-day Summer School of Business Administration. The School is intended primarily for senior executives in the professions and business, and

takes the form of a number of papers presented by University and visiting lecturers, followed by general discussion.

The proceedings of the School are subsequently published, and the following booklets (the titles of which indicate the themes of the Schools) may be obtained free of charge on application to the Registrar:

- 1956 Business and Society.
- 1957 Electronics and Automation.
- 1958 Business and Economic Policy.
- 1959 Australian Development.

EVENING LECTURES

1. Originally established under a special grant from the Government, courses of evening lectures in Arts and Science subjects are provided each year for the benefit of teachers and others. Arrangements have been made to give courses of lectures in the following subjects during 1959, provided that sufficient students enrol for each class: Biology, Chemistry I, Comparative Philology, Economic Geography, Economics II, Economic Statistics I, Education, English I and II, French I, Geology I, Geography I, II and III, German II and III, History I, IIB and III, Latin I, Philosophy I, Physics I, Politics I, II and IIIB, Psychology I and IA, Pure Mathematics I, Elements of Accounting, Financial Accounting, Cost Accounting and Commercial Law B.

2. The Education Department has established studentships for the encouragement of such students (for details, see Evening Studentships, page 331).

SCHOLARSHIPS, GRANTS, EXHIBITIONS, AND PRIZES

FACULTY OF ARTS.

The Barr Smith Prize for Greek.

The late Robert Barr Smith in 1908 gave the sum of £150 to provide for an annual prize in Greek. The prize is of the value of £10, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Greek I in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1940	Adams, Philip Paul	1947-1957	No award
1946	Hubbard, Margaret Eileen,	1958	Tsangaris, George P.
	B.A.		

The Andrew Scott Prize for Latin.

This prize was founded by private subscription, in memory of the late Andrew Scott, B.A. It is of the annual value of £6, and is awarded to the matriculated or graduate student who is placed first in the annual examination in Latin I, in the course of the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

Awards.

For previous awards, see Calendars from 1913.

1955	Hood, Margaret Daphne	1957	Kelly, David St. Leger	
1956	Medlin, Brian H.	} equal	1958	Klaebe, Kenneth E.
	Tsangaris, George P.			

The James Gartrell Prize.

RULES

Whereas James Gartrell has given the sum of £200 for the purpose of establishing an annual prize of £10: It is hereby provided that the same shall be awarded to the best matriculated or graduate student in Comparative Philology in the annual examination for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit, and that no student shall be eligible for the prize who has not passed in at least two units in the course for the B.A. degree in the year in which he presents himself in the examination in Comparative Philology.

As amended by Council, 27th June, 1930.

Awards.

For previous awards, see Calendars from 1932.

1955	Priebbenow, Clarence R.	1957	Donaldson, Pamela M.	} equal
1956	Andrews, Judith Mary		Mann, Airdrie Jean	
		1958	No award.	

The John Howard Clark Prize.

This prize, of the value of about £20 a year for two years, was founded by public subscription in memory of the late John Howard Clark for the encouragement of English Literature at the University.

For conditions, see Statutes, Chapter XIV, page 184.

Awards.

For previous awards, see Calendars from 1904.

Prizemen:

1954	Dodwell, David	1957	Wilson, Philippa Morag
1955	Robertson, Margaret Jean	1958	O'Grady, Helen P.

Scholars:

1937	Kerr, Colin Gregory	1949	Wall, Barbara Deane
1945	Smith, Cecil Teesdale	1955	Tregenza, John Miller

The Tormore Prize.**RULES**

Whereas the sum of £130 has been paid to the University by the Old Scholars of Tormore House School for the purpose of founding a prize to perpetuate the memory of the said school: It is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the matriculated woman student in the first-year course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of sufficient merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by Council 25th November, 1921. Amended 30th May, 1958.

Awards.

For previous awards, see Calendars from 1927.

1955	Kersten, Lee Irving	1957	Sykes, Meredith Elizabeth
1956	Glinka, Natalie	1958	Horgan, Lillian V.

The Byard Prize.

Whereas the sum of £130 has been paid to the University by Mrs. Amy Matilda Beddome for the purpose of founding a prize to perpetuate the memory of her father, the late Douglas John Byard: It is hereby provided that—

A prize of the value of not less than £6 shall be awarded annually to the matriculated male student in the first course in English Literature who, in the opinion of the Jury Professor of English Language and Literature, has written the best essays during the year. Unless the essays are of special merit, the prize shall not be awarded. The money shall be spent on books approved by the Professor, and suitably inscribed.

Made by the Council 30th May, 1958.

Award.

1958	Newell, Leonard N. M.
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The Edith Hübbe and Harriet Cook Prize.**RULES.**

Whereas the sum of Five Hundred Pounds has been paid to the University by the past pupils of the Knightsbridge School for the purpose of founding with the income thereof a prize in memory of the late Mrs. Edith Hübbe and the late Miss Harriet Cook, former Headmistresses of that school, to be called The Edith Hübbe and Harriet Cook Prize:

It is provided that—

1. The Edith Hübbe and Harriet Cook Prize shall be of the value of £16 and shall be available for award annually.

2. Provided that in the opinion of the examiners the candidate is of sufficient merit the Prize shall be awarded to the undergraduate placed first in the Annual Examination in English III.

3. The Council may vary these rules but the title of the Prize shall not be changed.

Awards.

1955	Ryan, Sydney Lawrence	1957	O'Grady, Helen Patricia
1956	Schild, Maurice Edmund	1958	Depasquale, Paul

The Bunday Prize for English Verse.

This prize, of the value of £10, was founded by Miss E. Milne Bunday in memory of the late Sir Henry and Lady Bunday.

For conditions, see Statutes, Chapter XXXV, page 203.

For 1958 the subject prescribed is a poem of about 100 lines on a theme connected with Australia.

Candidates who desire further details are advised to apply to the Dean of the Faculty of Arts.

Awards.

For previous awards, see Calendars from 1926.

1941	Harris, Maxwell Henley	1950	Hansen, Ian Victor, B.A.
1947	Taylor, Michael Gleeson	1957	Walsh, Elizabeth Jan, B.A.

The M. Rees George Memorial Prize.**RULES.**

Whereas the sum of £200 has been paid to the University by the South Australian Branch of the League of the Empire and the Old Scholars of the Advanced School for Girls for the purpose of establishing a prize in French in memory of the late Miss Madeline Rees George: It is hereby provided that a prize of the value of not less than Six Pounds (£6), to be known as The M. Rees George Memorial Prize, shall be awarded annually to the matriculated or graduate woman student who secures the highest place in the annual examination in French I (both written and oral sections) in the course for the Ordinary Degree of Bachelor of Arts, provided that the candidate is of sufficient merit. The prize shall be awarded either in books, for which a special book-plate will be provided, or in money, as the successful candidate may desire.

NOTE: While the credit balance of the income from the endowment will permit, two prizes may be awarded in any year in which two candidates of sufficient merit present themselves.

Awards.

For previous awards, see Calendars from 1938.

1956	Kersten, Lee Irving	1958	Pukitis, Ilze	} equal
1957	Wagstaff, Rosemary		Schubert, Jane H.	

The Violet de Mole Memorial Fund.

RULES

The sum of £256 (increased in 1952 to £456) having been paid to the University for the purpose of establishing a fund to perpetuate the memory of the late Miss Violet de Mole, the following rules are hereby made:

1. A prize, to be known as The Violet de Mole Prize in French and consisting of a book or books of the value of £5/5/-, shall be awarded annually to the matriculated or graduate candidate placed first in the annual examination in French III, provided that there is a candidate of sufficient merit. The book or books shall be selected by the prizeman with the approval of the Professor of French Language and Literature, and shall be furnished with the book-plate that has been designed for the purpose.

2. The balance of the income from the Fund, after payment of the prize provided for in Rule 1, shall be used for the purchase of books for the Barr Smith Library. Each book so purchased shall contain a bookplate indicating that it is part of The Violet de Mole Memorial Library. These books shall be selected by the Professor of French Language and Literature in consultation with the Librarian.

Awards

For previous awards, see Calendar for 1953.

1955	Hambly, Peter Sutherland	1958	Lucas, Diana M.	} equal
1956	Glenn, Margaret Joy		Nettelbeck, Colin W.	

The Weimar-Ohlstrom Prizes.

Whereas Mrs. Leonore Ohlstrom has given the sum of £300 to the University for the purpose of establishing annual prizes in German in memory of her late husband, Patrick Andreas Ohlstrom, the following rules are hereby made:

1. Two prizes to be known as the Weimar-Ohlstrom Prizes shall be offered for competition each year.

2. Provided that in each case there is a candidate of sufficient merit —

(a) a prize of the value of two-thirds of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German II;

(b) a prize of the value of one-third of the annual income from the endowment shall be awarded to the undergraduate placed first in the annual examination in German I.

3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Head of the Department of German.

4. These rules may be altered from time to time by the Council but the title and general purpose of the prizes shall not be altered.

Awards.

- 1956 Behrens, Dietrich Wilhelm Frido (German I)
 Kersten, Lee Irving (German II)
 1957 Ratz, Alfred Egon (German I)
 Hocking, Brian Dominic Windsor (German II)
 1958 Paul, Peter (German I)
 Ratz, Alfred E. (German II)

The Fred Johns Scholarship for Biography.

For conditions of award, see States, Chapter LV, page 217.

The length suggested for biographies is from 50,000 to 75,000 words, but candidates will not be debarred from submitting biographies either longer or shorter than the length indicated.

Each biography must include a synopsis, a full bibliography, and adequate references to the original authorities for the statements made; and candidates are recommended to submit their works in typewriting.

Awards.

- | | |
|------------------------------|------------------------------|
| 1938 Brown, H., M.A., B.Ec. | 1953 Dutton, G. P. H., B.A. |
| 1951 Reed, T. Thornton, M.A. | 1956 Renfrey, L. E. W., B.A. |
| 1952 Elliott, B. R., M.A. | |

The Tinline Scholarship for History.

This scholarship, of the annual value of £30, is offered annually, and is tenable for two years. It was founded by George John Robert Murray, a member of the Council of the University, in memory of the family of his mother.

For conditions, see Statutes, Chapter XXX, page 199.

Awards.

For previous awards, see Calendars from 1913.

- | | | |
|----------------------------|-----------------------------|---------|
| 1954 Bowes, Keith R. | 1957 Phillips, Walter Wynne | |
| 1955 Pocock, Edward Robert | 1958 Curnow, Ellen I. | } equal |
| 1956 Greet, Raymond James | Playford, John D. | |

The Natalia Davies Prize.

RULES.

Whereas Miss Amylis I. Laffer has given to the University the sum of £400 for the purpose of perpetuating the memory of the late Miss Natalia Davies, the following rules are hereby made:

1. There shall be a Prize of the annual value of £10 and known as the Natalia Davies Prize.

2. The Prize shall be available for award annually to the candidate in a first-year course in the School of History deemed by the examiners to be the most meritorious matriculated or graduate student of first-year History in that year; but no award shall be made unless the examiners are satisfied that the candidate is of sufficient merit.

3. The value of the Prize shall be awarded in books dealing with some aspect or aspects of history preferably of the British Empire or of the British Commonwealth of Nations. The books, which shall be selected by the prizeman subject to the approval of the Professor of History, shall be furnished with a book-plate designed for the purpose.

4. These rules may be altered from time to time by the Council, but the title and purpose of the Prize shall not be altered.

Awards.

For previous awards, see Calendar for 1955.

1955	Kersten, Lee Irving	1957	Beer, Donald Robert
1956	Gibson, Patricia Mary	1958	Edgar, Peter L.

The Roby Fletcher Prize.

This prize was founded by public subscription in memory of the late Rev. W. Roby Fletcher, M.A., formerly Vice-Chancellor of the University. It is of the value of £10, and is offered annually. For conditions, see Statutes, Chapter XX, page 190.

Awards.

For previous awards, see Calendars from 1904.

1955	No award	1957	Knauerhase, Juliet M. L.
1956	Lowke, John James	1958	Hume, Beryl M.

The Jefferis Memorial Medal.**RULES**

Whereas the sum of fifty pounds has been paid to the University for the purpose of providing a medal in honour of the Rev. James Jefferis, LL.D., who was closely associated with the University from its foundation till his death in 1918: It is hereby provided that—

1. There shall be a medal to be awarded annually, and called the Jefferis Medal.
2. It shall be awarded for distinction in the study of Philosophy, and it shall not be awarded except for work of high merit.
3. Provided that in the opinion of the Professor of Philosophy the essay is of sufficient merit the Medal shall be awarded each year to the matriculated or graduate student in either Philosophy IIIA or Philosophy IIIB who has written the best essay during the year.
4. The medal shall not be awarded to the same person more than once.

Made by Council, 1951.

NOTE: While the credit balance of the income from the endowment will permit, each award of the medal will be supplemented by a cash prize of three guineas.

Awards.

1955	Smith, Barry Whitmore	1957	Medlin, Brian Herbert
1956	Bradley, Michael Charles	1958	Deutscher, Maxwell J.

The British Psychological Society Prize in Psychology.**RULES**

The Australian Branch of the British Psychological Society, having agreed to provide an annual prize the purpose of which shall be the encouragement of the study of Psychology by third-year students, the following rules are hereby made:

1. The prize shall be called "The British Psychological Society Prize in Psychology."
2. The value of the prize shall be £5, until otherwise determined.

3. The prize shall be awarded each year to the matriculated student who has, in that year, most distinguished himself in the course in Psychology III, provided that no award shall be made if no candidate is deemed of sufficient merit.

4. These rules may be varied from time to time by the Council.
1958 No award.

The Anna Florence Booth Prize.

This prize, of the value of £16, is offered annually, and is awarded for work in Social Studies. It was founded by Mr. Sydney Russell Booth in memory of his wife.

For conditions, see Statutes, Chapter LXII, page 221.

Awards.

1940 Broomhead, Edwin Norman, 1947 Worthley, Boyce Wilson,
M.A. B.A., M.Sc.
1943 Knauerhase, Oscar Carl, B.A. 1948-58 No award.

John Lewis Prize in Geography.

The Council has accepted the offer of the Royal Geographical Society of Australasia (South Australian Branch Inc.) to provide an annual prize, to be called the John Lewis Prize, for the candidate placed first at the annual examination in Geography I. The prize shall be of the value of £5. The award shall not be made unless the examiner is satisfied that the candidate has shown sufficient merit.

Awards.

1956 Lowes, Anthony John 1958 Burnard, Sally M.
1957 Bickerton, Ian James

The Archibald Grenfell Price Prize in Geography.

RULES

The sum of £110 having been given to the University by St. Mark's College Club for the purpose of establishing a prize to be known as the "Archibald Grenfell Price Prize in Geography," the following rules are made:

1. A prize, to be known as The Archibald Grenfell Price Prize in Geography, shall be awarded annually to the matriculated or graduate candidates placed first in the annual examination in Geography III in the course for the degree of Bachelor of Arts, provided that the candidate is of sufficient merit.

2. The value of the prize shall be £5/5/- until the Council decides otherwise.

Awards.

1957 Donaldson, Pamela Margaret 1958 Ware, Dorothy A.

The Charles Fenner Prize in Geography.

This prize was founded by private subscription in memory of the late Charles Fenner, D.Sc. It is of the annual value of £5, and is awarded to the matriculated student who is placed first in the Annual Examination in Geography II in the course for the ordinary degree of Bachelor of Arts, provided that the candidate is, in the opinion of the examiners, of sufficient merit.

Awards.

1957 George, Brenton

1958 Hutton, Allan V.

Overseas Scholarships in Arts and Economics.

RULES

1. The Council, on the recommendation of the Faculty of Arts, may in any one year award one Postgraduate Overseas Scholarship tenable abroad, or in special circumstances two.
2. The normal tenure of a scholarship will be two years, beginning about July or August. In exceptional cases the period of tenure may be extended for a third year, but not longer.
3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.
 (b) One quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.
 (c) Payment of the scholarship for the second year will be contingent upon the Faculty's receiving, from the candidate's supervisor or from the Head of the Department in which he is studying, a satisfactory report on his work during the first year.
4. To be eligible for nomination by the Faculty a candidate must:
 - (a) be under the age of 25 years on December 31 of the year preceding that for which the award is sought;
 - (b) have obtained, within the previous three years, the Honours Degree of Bachelor of Arts or of Economics in the University of Adelaide;
 - (c) submit, for the approval of the Faculty, a proposed course of advanced study or research extending over not less than two years of full-time work at an approved University or similar institution abroad;
 - (d) show, to the satisfaction of the Faculty, that if granted an Overseas Scholarship he would have sufficient additional funds to enable him to travel to the University or similar institution of his choice, and there to undertake the proposed course.
5. Before nominating an eligible candidate the Faculty will take into consideration:
 - (a) the likelihood that the candidate will be able to complete successfully his proposed work overseas;
 - (b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia.
6. (a) Applications through the Head of the candidate's Department should be made to the Faculty in or about August of the year preceding that for which the award is sought.
 (b) A candidate who expects to take the examination for his Honours Degree in the following November may apply in August in anticipation of his results.
 (c) Nominations for scholarships to begin about July or August will normally be made to the Council by the Faculty in the preceding December.

7. The holder of an Overseas Scholarship shall submit annually to the Faculty, in or about July of each year, a report on the work he has done in the preceding academic year.

Awards.

- For 1956 Moore, Robert Clifton, B.A.
 For 1957 Hambly, Peter Sutherland, B.A.
 Robertson, Margaret Jean, B.A.
 For 1958 Bradley, Michael Charles, B.A.
 Wilson, Philippa Morag, B.A.
 For 1959 O'Grady, Helen Patricia, B.A.
 Kersten, Lee Irving, B.A.

FACULTY OF SCIENCE.

The Ernest Ayers Scholarship in Botany or Forestry.

The late Ellen Milne Bunday, Mus. Bac., bequeathed the sum of £1,236 for the purpose of founding a scholarship for the encouragement of original research in Botany or Forestry. The scholarship is of the value of £120, and is offered in alternate years.

For conditions, see Statutes, Chapter XLIII, page 211.

Awards.

For previous awards, see Calendars from 1930.

- | | | | |
|------|-----------------------------|------|---------------------|
| 1949 | Jeffery, Margaret W., B.Sc. | 1955 | Burns, Erica Marian |
| 1951 | Martin, Peter Gordon | 1957 | No award. |
| 1954 | Brown, Judith Eileen | | |
| | Martin, Helene Alice | | |

The John Bagot Scholarship and Medal.

This scholarship, founded by Mrs. John Bagot in memory of her husband, provides exemption from fees in the Department of Botany up to the value of £20. Should it be awarded to a student already entitled to exemption from such fees, it shall be awarded at the option of the student, in books, instruments, or cash, to the value of £20.

Until 1932 the medal was awarded with the scholarship, but it is now offered annually for the best original work in Botany embodied in a thesis.

For conditions, see Statutes, Chapter XXXIV, page 202.

Awards.

For previous awards, see Calendars from 1914.

Scholarships.

- | | | | |
|------|---------------------|------|----------------------|
| 1954 | Sherwood, Leonie M. | 1957 | Hollamby, Gilbert J. |
| 1955 | Ward, Margaret H. | 1958 | Lim, Kheng H. R. |

Medal.

- 1940 Mercer, Frank Verdun

The Elsie Marion Cornish Prize.**RULES**

Whereas the Reverend Raymond Baron Cornish has given to the University the sum of £250 for the purpose of establishing an annual prize in memory of the late Elsie Marion Cornish, who for many years tended the gardens in the University grounds, it is hereby provided as follows:

A prize of the value of £7 7s., to be known as The Elsie Marion Cornish Prize, shall be awarded annually to the student placed first in the list of candidates who pass with distinction in the annual examinations in Botany III as prescribed for the Ordinary degree of Bachelor of Science.

Awards.

For previous awards, see Calendars from 1954.

1955	No award	1957	Ward, Margaret Hawthorne
1956	No award	1958	No award.

The Rennie Scholarship.

In 1930 the sum of £320 was raised by public subscription to establish a scholarship for research in Chemistry in memory of the late Edward Henry Rennie, formerly Angus Professor of Chemistry. The scholarship is of the value of £50, and, provided that there is a candidate of sufficient merit, is awarded triennially.

For conditions, see Statutes, Chapter LIII, page 216.

Awards.

1933	Parker, Cecil David, B.Sc.	1949	Seidler, Jan Hynek
1938	Gillespie, Donald Tom C., B.Sc.	1952	Thompson, Malcolm James
		1954	Gooden, John E. A.
		1957	No award.

The Tate Memorial Medal.**RULES**

Whereas a sum of sixty pounds has been subscribed with the intention of founding a medal in memory of the late Ralph Tate, sometime Professor of Natural Science in this University, and whereas the said sum has been paid to the University for the purpose of establishing a medal: It is hereby provided that—

1. A medal to be called the Tate Memorial Medal shall be offered annually for the best original work in Geology. A candidate may be required to pass an examination in the subject matter of his thesis.

2. Any student in the University shall be eligible to compete for the medal, provided that the thesis is submitted within three years of the completion of a prescribed course in Geology; but the medal shall not be awarded to the same person more than once.

3. The thesis shall be forwarded not later than the first day of November in each year.

4. No medal shall be awarded to a candidate who, in the opinion of the Council, is not deserving of it.

5. Each candidate to whom an award of the medal is made shall deposit either the original or an approved copy of his thesis in the University library before he receives the medal.

Approved by the Council November, 1931, and June, 1933.

Awards.

For previous awards, see Calendars from 1932.

1953	Woodard, Geoffrey D.	1956	Daily, Brian, B.Sc.
1954	Chinner, Graham A.	1957-8	No award.
1955	No award		

The Lowrie Scholarships.

These scholarships, of the value of £150 each, were provided by an anonymous donor for the purpose of encouraging postgraduate research in agriculture.

For conditions, see Statutes, Chapter XXXIII, page 201.

Awards.

1916	Stephens, Cyril F., B.Sc.	1925	Jacobs, Maxwell R., B.Sc.
1921	West, Eric Stadden, B.Sc.		(resigned 1926)
1923	Lewcock, Harry K., B.Sc.	1928	Piper, Gordon R., B.Sc.

The James Barrans Scholarship.

This scholarship, founded by the late Sarah Barrans, in memory of her brother, the late James Barrans, is of the value of £90 and is awarded annually, provided that there is a candidate of sufficient merit. Preference in the selection of the scholar is given in alternate years to candidates in Science and in Engineering respectively.

For conditions, see Statutes, Chapter LXV, page 223.

Awards.

For previous awards, see Calendars from 1954.

1954	Daily, Brian	1956	Brett, Peter Robin
	Wade, Mary Julia	1957	Beck, Kevin Charles
1955	Sando, Margaret	1958	McGowran, Brian

The J. R. Wilton Prize.

RULES

In order to perpetuate the memory of the late Professor J. R. Wilton, Elder Professor of Mathematics in the University of Adelaide from 1920 to 1944, the sum of £100 has been raised by friends, former students, and others, and has been given to the University to establish an annual prize in the Department of Mathematics. The prize, of the value of £4/4/-, shall be known as the J. R. Wilton Prize and shall be awarded at the discretion of the Elder Professor of Mathematics to the student who has achieved the greatest distinction in the work and examinations of the third-year courses in Mathematics. The prize shall lapse in any year in which there is no candidate of sufficient merit; and it shall not be awarded more than once to the same student.

Award.

1958	Wells, Gregory W.
------	-------------------

Postgraduate Scholarship in Physics.

Philips Electrical Industries Pty. Limited undertook in 1954 to provide for three years a Postgraduate Scholarship in Physics; and in 1957 the Company agreed to continue the scholarship "until further notice."

The value of the Scholarship is £750 a year; its purpose is to encourage research in the field of electronics; and it is awarded on the nomination of the Professor of Physics. (D.3/55)

Awards.

1955	Murray, Eric L., B.Sc.	1957	Elford, Malcolm T., Ph.D.
1956	Milton, Bernard E., B.Sc.	1958	Mainstone, John S., B.Sc.

FACULTY OF AGRICULTURAL SCIENCE.**The D. B. Adam Memorial Prize.****RULES.**

Whereas a Committee of former students and friends of the late David Bonar Adam, B.Ag.Sc., has raised the sum of £300 and given it to the University for the purpose of establishing a memorial prize, the following rules are hereby made:

1. The prize shall be called The D. B. Adam Memorial Prize, and shall be available annually.

2. It shall consist of the sum of £9, or such other sum as the Council may from time to time determine.

3. It shall be awarded in or about November of each year to the undergraduate student who, in the opinion of the Faculty of Agricultural Science, is the best student in Plant Pathology and is of sufficient merit.

4. These rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

Awards.

1955	Van Velsen, Reuben John	1957	Haselgrove, Richard F.
1956	No award	1958	Dodman, Robert L.

Australian Institute of Agricultural Science (S.A. Branch) Prize.**RULES**

Whereas the Council has accepted the offer of the South Australian Branch of the Australian Institute of Agricultural Science to provide annually a Prize of £10 in Agricultural Science, it is hereby provided that:

A Prize, to be known as the Australian Institute of Agricultural Science (S.A. Branch) Prize, will be available annually for award to the candidate who, on completing the course for the Ordinary degree of Bachelor of Agricultural Science, shall in the opinion of the Faculty of Agricultural Science be the most distinguished of the students completing the course in that year: but no award shall be made unless the Faculty is satisfied that the candidate is of sufficient merit.

Awards.

1956	Birks, Peter Roland	1958	Jacobsen, John V.
1957	Carraill, Robert Murray		

The Barr Smith Travelling Scholarship in Agriculture.

In 1953 Sir Tom Barr Smith gave to the University the sum of £13,875 for the purpose of establishing a Fund in memory of his father, the late Tom Elder Barr Smith. The object of the fund is to promote study and research in Agriculture and other subjects, especially Animal Husbandry, cognate to the Pastoral and Wool Industries and to encourage mutual understanding between the peoples of Australia and of Great Britain.

The Scholarship is tenable at Cambridge University, for two years in the first instance, and is open to graduates or undergraduates of the University of Adelaide who are under the age of 26 years at the date of election.

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter LXXX, page 236.

Awards.

1955/7 Parsons, Peter Angas, 1958 Seamark, Robert F.
B.Ag.Sc.

FACULTY OF ENGINEERING.

The Angas Engineering Scholarship.

The Hon. J. H. Angas founded a scholarship of the value of £200 a year for two years, to "encourage the training of scientific men, and especially engineers, with a view to their settlement in South Australia."

For the conditions upon which the Scholarship is awarded, see Statutes, Chapter XIII, page 181.

The scholarship is normally offered in alternate years. Candidates must give notice upon a special form obtainable at the University office.

Awards.

For previous awards, see Calendars from 1911.

1948	Crompton, James W.,	1950	Crisp, John D. C., B.E.
	B.Sc. (Eng.)		Kaneff, Stephen D., B.E.
	Mitchell, Leigh H., B.E.	1952	Rose, Gordon Albert

The Angas Engineering Exhibition.

There are four exhibitions, each of the value of £15 per annum, tenable for four years by undergraduates in Engineering or Science. For conditions, see Statutes, Chapter XIII, Sections 10 to 17, inclusive, page 183.

One exhibition is awarded each year to the candidate who, at the Leaving Certificate examination, passes the whole examination and obtains the highest aggregate number of marks in the subjects—(1) English, (2) Mathematics, (3) Physics or Chemistry. The scale of marks shall be—English, 100; Mathematics, 200; Physics and Chemistry, 100. Candidates at the Leaving Certificate examination who wish also to be candidates for the Angas Engineering Exhibition must give notice on a special form obtainable at the University Office. The last day of entry is the 1st October. Candidates who fail to give notice by the prescribed date may be permitted to enter on payment of a fee of 5s.

Awards.

For previous awards, see Calendars from 1904.

1955	Barter, Ian Walter	1957	Fryer, Colin
1956	Goodrich, John Eric	1958	Wilkinson, Philip L.

The Sir Robert Chapman Prize.

This prize was founded by former students of Sir Robert William Chapman, C.M.G., M.A., B.C.E., M.I.E. (Aust.), first professor of Engineering, and for fifty years a teacher in the University, in his honour. It consists of a printed reproduction of the portrait of Sir Robert Chapman and the sum of £10 10/-; and it is awarded on the results of the annual examination in Strength of Materials.

For conditions, see Statutes, Chapter LX, page 220.

Awards.

For previous awards, see Calendars from 1943.

1954	Kwok, Hae Leong	1956	Kennedy, Michael Brian
1955	Billinghurst, Onslow C.	1957	Araszkiewicz, Wieslaw
	<i>Prox. acc.:</i>	1958	May, Kevin R.
	Kelly, Robert John		
	Schubert, Cedric Felix		

The Humes Prize in Civil Engineering.

Whereas Messrs. Humes Ltd. has agreed to provide an annual prize of £25 in Civil Engineering, the following rules are hereby made:—

1. The prize shall be called "The Humes Prize in Civil Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the Civil Engineering course who attains the highest standard in the annual examination in Civil Engineering IIA, provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1958 Schmid, Laurence J.

The Lokan Prize.

RULES

The sum of £100 having been paid to the University by the Adelaide University Engineering Society for the purpose of establishing a prize in memory of Robert Albert Lokan, formerly a student in the Department of Mining, it is hereby provided that:

1. A prize of the value of Three Pounds shall be awarded annually to the student who shall most distinguish himself in the annual examination in Ore-dressing, provided that he is of sufficient merit.

2. The prize shall be awarded in books, for which a special book-plate will be provided.

Awards.

For previous awards, see Calendars from 1949.

1955	Staker, Robert	1957	No award
1956	Nordin, Alfred Walter	1958	Kelly, Robert J.

The E. V. Clark Prize for Electrical Engineering.**RULES.**

Whereas the sum of £150 has been paid to the University by Mrs. M. G. Clark for the purpose of founding a prize in memory of her late husband, Edward Vincent Clark, B.Sc., who directed the study of Electrical Engineering in the University of Adelaide from March, 1910 to February, 1943, it is hereby provided that:

1. The prize shall be called The E. V. Clark Prize for Electrical Engineering.
2. So long as the fund and the income thereof suffice for the purpose, the prize shall be of the annual value of £7/7/-.
3. The prize shall be awarded annually to the undergraduate placed first at the annual examination in the subject of Electrical Engineering I; provided that if in the opinion of the Professor of Electrical Engineering no candidate is of sufficient merit, no award shall be made.
4. These Rules may be varied from time to time by the Council, but the title and purpose of the prize shall not be changed.

Awards

For previous awards, see Calendar for 1956.

1956 Kelly, Robert John 1958 May, Kevin R.
1957 Davis, Bruce Raymond

The Gerard Prize.**RULES**

Whereas Gerard Trust Ltd. has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Gerard Prize."
2. The value of the prize shall be £21.
3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who is placed highest in the final examination in Electrical Engineering II, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1956 Wigg, Hugh Higham 1958 Davis, Bruce R.
1957 Symons, Frederick John W.

The Electricity Trust of South Australia Prize.**RULES**

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize in Electrical Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust of South Australia Prize."
2. The prize shall be of the value of £10/10/-.

3. The prize shall be awarded by the Faculty of Engineering to the matriculated student who in the final year of the Electrical Engineering course of that Faculty shows the most leadership and ability in his year's work in the seminar classes and in the final seminar paper in Electrical Engineering III, provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards

For previous awards, see Calendars from 1954.

1954	Baker, Donald M.	} equal	1956	Staples, Roy William F.
	Wall, Ian B.		1957	Gates, Malcolm John
1955	Smith, Roger		1958	Symons, Frederick J. W.

The Electricity Trust Prize in Electrical Power Engineering.

Whereas the Electricity Trust of South Australia has agreed to provide an annual prize of £50 in Electrical Power Engineering, the following rules are hereby made:

1. The prize shall be called "The Electricity Trust Prize in Electrical Power Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in Electrical Power Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1956	Burgess, John A.	} equal	1957	Gates, Malcolm John
	Robinson, John W.		1958	Kennedy, Michael B.

The Cable Makers' Association Prize.

The Council having accepted the offer of the Cable Makers' Association to provide a prize of ten guineas in the Electrical Engineering course of the Faculty of Engineering, the following rules have been made:

1. The prize shall be called "The Cable Makers' Association Prize."

2. The prize shall be awarded upon the recommendation of the Faculty of Engineering to a matriculated student in the final year of the Electrical Engineering course of that Faculty, provided that no award shall be made if no candidate is deemed of sufficient merit.

3. The prize shall be awarded to the student submitting the best final-year seminar paper in Electrical Engineering. In deciding the award the results of the current annual examination in Electrical Engineering may be taken into account. A candidate who fails to pass such examination shall not be eligible.

Awards.

For previous awards, see Calendars from 1952.

1954	No award	} equal	1957	Gates, Malcolm J.
1955	No award			Wigg, Hugh H.
1956	Bartsch, Kenneth Murray		1958	Kennedy, Michael B.

The S.A. Chamber of Manufactures Prize in Electronic Control.

The Council having accepted the offer of the S.A. Chamber of Manufactures to provide until 1958 a prize of £10 a year for work in Electronic Control, the following rules are hereby made:

1. The prize shall be called "The S.A. Chamber of Manufactures Prize in Electronic Control."

2. The prize shall be awarded upon the recommendation of the Faculty of Engineering to the matriculated student in the final year of the Electrical Engineering course of that Faculty who attains the highest standard in the annual written and practical examinations in Electronic Control, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed to be of sufficient merit.

Awards.

For previous awards, see Calendars from 1954.

1955	Chase, Brian Collison	1957	Gates, Malcolm John
1956	Burgess, John A. } equal	1958	Davis, Bruce R.
	Butcher, Ian R. }		

Philips Electrical Industries Prize in Elements of Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £10 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Elements of Electronics."

2. The prize shall be awarded annually to the matriculated student who attains the highest standard in the Electronics section of the subject Electrical Engineering I, account being taken of achievement during the year as well as in the final examination; provided that no award shall be made if no candidate is deemed of sufficient merit.

Award.

1958 Hawryszkiewicz, Igor T.

Philips Electrical Industries Prize in Electronics.

Whereas Philips Electrical Industries of Australia Pty. Ltd. has agreed to provide an annual prize of £50 in Electronic Engineering, the following rules are hereby made:

1. The prize shall be called "The Philips Electrical Industries Prize in Electronics."

2. The prize shall be awarded annually to the matriculated student in the final year of the Electrical Engineering course who attains the highest standard in the annual written and practical examinations in Electronic Engineering, as part of the subject Electrical Engineering III; provided that no award shall be made if no candidate is deemed of sufficient merit.

Awards.

1956	Butcher, Ian Robert	1958	Symons, Frederick J. W.
1957	Wigg, Hugh Higham		

The Forwood Down Prize in Mechanical Engineering.

Whereas Forwood, Down and Co. Ltd. has agreed to provide an annual prize of £10/10/- in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Forwood Down Prize in Mechanical Engineering."

2. The prize shall be awarded annually to the matriculated student in the final year of the course for the Honours degree of Bachelor of Engineering in Mechanical Engineering who most distinguished himself at the final Honours Examination, provided that his record is of sufficient merit.

Award.

1958 Robinson, Michael L.

The Shell Prize in Mechanical Engineering.

Whereas the Shell Company of Australia Limited has agreed to provide an annual prize in Mechanical Engineering, the following rules are hereby made:

1. The prize shall be called "The Shell Prize in Mechanical Engineering."

2. The prize shall be of the value of £25.

3. The prize shall be awarded to the full-time student in the penultimate year of the course in Mechanical Engineering who most distinguishes himself at the annual examinations, provided that no award shall be made if no candidate is of sufficient merit.

Award.

1958 Bishop, Michael M.

The Rutter Jewell-Thomas Prize and Medal.

RULES

Whereas Rutter Jewell-Thomas Esquire has given to the University the sum of £700 for the purposes indicated below, the following rules are hereby made:

1. A Medal and Prize, to be known as "The Rutter Jewell-Thomas Medal and Prize" shall be offered for competition annually.

2. The Prize shall consist of one book selected by the Prizeman and approved by the Head of the Department of Metallurgical and Chemical Engineering.

3. Provided that there is a candidate of sufficient merit, the Medal and Prize shall be awarded to the student completing the final year of the undergraduate course in Metallurgical and Chemical Engineering whose academic record is adjudged best.

4. The balance of the income from the capital sum each year, after the cost of the Medal and Prize has been met, shall be used for the purchase of books or journals or both for the library of the department of Mining, Metallurgical and Chemical Engineering.

Awards.

For previous awards, see Calendars from 1957.

1957 Gray, Neil Boon

1958 Kelly, Robert J.

Prox. acc.:

Field, Graham John

FACULTY OF LAW.

The Stow Prizes.

These prizes were founded by public subscription in memory of the late Mr. Justice Stow. They are of the value of £15 each, and are awarded to undergraduates in law who show exceptional merit in not less than two subjects in any year of their course.

For conditions, see Statutes, Chapter XV, page 185.

Awards.

For previous awards, see Calendars from 1904.

1956	Prior, Graham Clifton	1958	Cornish, William R.
	Cornish, William Rodolph		Finnis, John M.
1957	Cornish, William Rodolph		Prior, Graham C.
	Prior, Graham Clifton		Wilson, Andrew B. C.
	Debelle, Bruce Malcolm		<i>Prox. acc.</i>
	Kelly, David St. Leger		Malpas, Charles B.

The Stow Scholarship.

Every Bachelor of Laws who during his undergraduate course obtains three Stow Prizes receives a gold medal and is styled Stow Scholar.

Awards.

For previous awards, see Calendars from 1918.

1939	{ Menzies, Duncan C.	1945	Wells, William Andrew N.
	{ Palmer, Ernest William	1953	Wilson, Ian Bonython C.

The R. W. Bennett Prizes.

These prizes were founded by the late Richard William Bennett, K.C., LL.B. Of the value of £8 each, in books or money at the option of the prizeman, they are awarded for exceptional merit at the November examinations in any ordinary subject for the degree of Bachelor of Laws.

For conditions, see Statutes, Chapter LIX, page 220.

Awards.

For previous awards, see Calendars from 1945.

1957	Kirsch, Marina	1958	Clark, Franford D.
	Prior, Graham Clifton		Finnis, John M.
	<i>Prox. acc.:</i>		
	Cornish, William Rodolph		

The R. W. Bennett Medal and Scholar

Every winner of three R. W. Bennett Prizes is entitled to receive a bronze medal and the title of R. W. Bennett Scholar.

Awards.

1950	White, James Michael	1953	Wilson, Ian Bonython C.
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The Bonython Prize.

This prize is awarded annually to the writer of the best original thesis or book on a subject approved by the Faculty of Law and the Council.

For conditions, see Statutes, Chapter LII, page 215.

Awards.

1929	Bleby, Thelma E. LL.B.	1956	O'Connell, Daniel Patrick,
1933	Wynes, William A., LL.B.		B.A., LL.M., Ph.D.
1937	Bray, John J., LL.D.		

The Justin Skipper Prize.

RULES

Whereas Stanley Herbert and Kathleen Elizabeth Skipper have given the sum of £150 for the purpose of founding a prize in memory of their son, Captain Justin Way Skipper, late 2/27th Battalion, A.I.F., sometime student of Law in this University, who was killed in action at Gona, New Guinea, on 29th November, 1942, it is hereby provided that:

1. There shall be a prize to be known as The Justin Skipper Prize.
2. The prize shall be of the value of five pounds and shall be available for award annually to a student in the Faculty of Law or a graduate in Law.
3. The prize shall be awarded by the Council on the recommendation of the Faculty of Law.
4. The selection shall be made from those students who at the end of their courses have obtained First Class passes in at least two subjects of the course, Distinctions in Arts subjects being deemed to be First Class passes for the purpose of this Rule.
5. The prize shall be awarded to that one of such students who, in the opinion of the Faculty of Law, shall have taken the most active and effective part in the general activities of student life within the University during the whole of his undergraduate course.
6. In the case of substantial equality under Rule 5, preference shall be given to a student who has shown particular ability in his Arts subjects. If the candidates cannot then be separated the prize may be divided.
7. Any student who wishes to be considered for the Prize may make application for the prize within one month of the publication of the results of the annual examinations; any student under consideration for the prize may be required to give details of his general activities in student life within the University.
8. No award shall be made unless the Faculty is satisfied that there is a student worthy thereof.
9. The prize may not be awarded more than once to the same person.
10. If in any year a prize is not awarded, it may be awarded in a subsequent year as an additional prize should there be a second candidate of sufficient merit.

11. These rules may be varied by the Council from time to time, but the title of the prize shall not be changed.

Awards.

For previous awards, see Calendars from 1952.

1953/58 No award.

The Thomas Gepp Prize.

RULES

Whereas the Late Florence May Pontt has bequeathed to the University the sum of £200 for the purpose of founding a Prize in memory of her late father, Thomas Gepp, it is hereby provided as follows:

1. There shall be a Prize, of the value of £5, to be called The Thomas Gepp Prize.

2. The Prize shall be awarded annually to the student placed first in the final examination in Private International Law in the course for the degree of Bachelor of Laws provided that in the opinion of the Faculty of Law there is a candidate of sufficient merit.

3. The Prize shall be awarded in money or in books as the successful candidate may desire.

4. If two or more candidates be placed equal in the final examination in Private International Law the work of each such candidate during the year shall be taken into consideration in awarding the Prize for that year.

5. The Prize shall not be awarded twice to the same person.

6. Subject to the terms of the bequest these rules may be varied from time to time but the title and general purpose of the endowment shall not be changed.

Awards

1952	Burchett, Kemerl Anne	1957	Curnow, Doreen
1954	Jago, John Geoffrey	1958	No award

FACULTY OF MEDICINE.

The Sir Hugh Cairns Memorial Prize.

RULES.

Whereas the sum of £1,050 has been paid to the University by the Committee of the Sir Hugh Cairns Memorial Association for the purpose of founding a prize to perpetuate the memory of Sir Hugh Cairns, a former student of the Adelaide High School, it is hereby provided that:

1. A prize to be called "The Sir Hugh Cairns Memorial Prize" shall be awarded annually to a student of the Adelaide Boys High School, who is proceeding to the University to study in the medical course, and who has been nominated by the Principal of the Adelaide Boys High School.

2. The nominee must have satisfied the requirements of the University for entrance upon the medical course, and shall, as soon as possible after the award, enter the University, and begin study in that course.

3. If for any reason the nominee shall fail to begin his course as laid down in paragraph 2 the prize may, at the discretion of the Council, be awarded to another candidate if nominated by the Principal of the Adelaide Boys High School.

4. The value of the prize shall be £30, or such other sum as the Council may from time to time determine, payable in three equal instalments, one each on the scholar's enrolling for the first, second, and third year's work of the medical course.

5. These rules may be varied from time to time by the Council, but the title and the purpose of the prize shall not be changed.

Awards.

1956 Gabb, Bronte Winston.	1958 Harding, Philip Ernest
1957 Chapman, Phillip John	1959 Wilkinson, Philip L.

The Elder Prize.

This prize was established by Sir Thomas Elder in 1882, and since his death in 1897 has been continued by the Council. It is of the value of £10, and is awarded to the student in the first year of the Medical Course who is placed first in the list of candidates who pass with distinction.

Awards.

For previous awards, see Calendars from 1898.

1955 Rice, John Peter	1957 Walsh, John Alfred
1956 Miller, Colin D. J.	1958 Lloyd, John V.

Prox. acc.:

Hewitson, Douglas Keith

The Christopher and John Campbell Prize in Biochemistry.

RULES.

Whereas the late A. J. N. P. Campbell has bequeathed to the University the sum of £500 for the purpose of founding a scholarship in Biochemistry in the medical course, the following rules are hereby made:

1. The Prize shall be called the Christopher and John Campbell Prize for Biochemistry.

2. It shall be of the value of £15 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the Second Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Biochemistry and who in the opinion of the Professor of Biochemistry is of sufficient merit.

D.48/51.

Awards.

For previous awards, see Calendars from 1953.

1955 Aldor, Thomas Arthur	1957 Miller, Colin David John
1956 Andersen, Graham John	1958 Sage, Robert E.

The Dr. Davies-Thomas Scholarships.

These two scholarships, of the value of £10 each, were founded by Mrs. Davies-Thomas in memory of the late Dr. Davies-Thomas, sometime lecturer in the Principles and Practice of Medicine and Therapeutics.

They are awarded to the student in each of the third and fourth (till 1955) or fifth (since 1956) examinations of the medical course who is placed first in the list of candidates who pass with distinction.

For conditions, see Statutes, Chapter XXI, page 191.

Awards.

For previous awards, see Calendars from 1911.

1957	Third Examination:	1958	Third Examination:
	Kimber, Richard J.		Pearman, John W.
	Manuel, Josephine		Fifth Examination:
	G. K.		Fahy, Carlien L.
	} equal		
	<i>Prox acc.:</i>		
	Wood, Alice G.		
	Fifth Examination:		
	Barlow, Douglas J.		

The J. B. Cleland Prize in Pathology.

RULES

Whereas the sum of £130 has been given to the University for the purpose of establishing a prize in commemoration of John Burton Cleland, M.D., George Richard Marks Professor of Pathology in the University from 1920 to 1948, the following rules are hereby made:

1. The prize shall be known as the J. B. Cleland Prize for Pathology.

2. It shall consist of a bronze medal and the sum of £5.

3. It shall be awarded annually to the undergraduate who at the Fifth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, is placed first in Pathology and who in the opinion of the Marks Professor of Pathology is of sufficient merit.

Awards.

For previous awards, see Calendars from 1953.

1955	Jose, John Salisbury	1957	Barlow, Douglas John
1956	McCall, Michael George	1958	Wangel, Anders G.

The Thomas L. Borthwick Memorial Prize.

RULES.

Whereas the late Frank Sandland Hone, C.M.G., has bequeathed to the University the sum of £100 for the purpose of founding an annual prize in Public Health and Preventive Medicine in the medical course, the following rules are hereby made:

1. The Prize shall be called the Thomas L. Borthwick Memorial Prize in Public Health and Preventive Medicine.

2. It shall be of the value of £3 3s. and shall be paid to the prizeman in one sum.

3. It shall be awarded annually to the undergraduate who in the Fifth Examination for the degree of Bachelor of Medicine and Bachelor of Surgery shall have passed the whole of that examination and shall have been placed first in Public Health and Preventive Medicine and who in the opinion of the examiners is of sufficient merit.

Awards

For previous awards, see Calendars from 1953.

- | | | | |
|------|--|------|----------------------|
| 1955 | Lindsay, Thomas Bruce,
M.D.S. | 1957 | Barlow, Douglas John |
| 1956 | Hui, Weng Choon
<i>Prox. acc.:</i>
Barr, Alan Marshall | 1958 | Fahy, Carlien L. |

The Archibald Watson Prize.

This prize was founded by the former pupils of Archibald Watson, Emeritus Professor of Anatomy, in his honour, and may be awarded annually to the medical undergraduate who is deemed after examination to be the most proficient in applied surgical anatomy.

For details, see Statutes, Chapter LVI, page 218.

Awards.

For previous awards, see Calendars from 1942.

- | | | | |
|------|---------------------------|------|-----------------------|
| 1955 | Fitch, Kenneth Duncan | 1957 | Foong, Siew Muay |
| 1956 | Bonner, Brian Christopher | 1958 | Nicholls, Valwynne A. |

The Dr. Charles Gosse Medal.

This medal was established in 1916 in memory of the late Dr. Charles Gosse, and is awarded each year for merit in Ophthalmology.

For conditions, see Statutes, Chapter XL, page 209.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|---|------|-------------------------|
| 1954 | Cox, John Samuel T. | 1956 | Woods, Arthur Frederick |
| 1955 | Forbes, Ian James
<i>Prox. acc.:</i> | 1957 | Kinlough, Margaret Anne |
| | Powrie, Robert Malcolm | 1958 | Carter, Rodney F. |

The Everard Scholarship.

This scholarship, founded by the late William Everard, is of the value of £30, and is awarded to the student who is placed first in the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter XVIa, page 186.

Awards.

For previous awards, see Calendars from 1904.

- | | | | |
|------|---------------------------|------|-------------------------|
| 1955 | Robertson, Anthony Oliver | 1957 | Gunning, Julianne E. S. |
| 1956 | Jose, John Salisbury | 1958 | Barlow, Douglas J. |

The Lister Prize.

This prize has been provided by an anonymous donor in memory of the late Lord Lister, and is awarded to the medical undergraduate who, at the termination of his office of surgical dresser for six months, is deemed after examination to be the most proficient in the investigation of cases in the surgical wards of the Adelaide Hospital, and in the knowledge of practical surgery.

For conditions, see Statutes, Chapter XXXVIII, page 206.

Awards.

For previous awards, see Calendars from 1939.

1954	Reid, Donald Peter	1957	Barlow, Douglas J.	} equal
1955	Lindsay, Thomas Bruce, M.D.S.		Smith, J. R. C., B.Sc.	
1956	Knight, Edwin Walter	1958	Wise, Peter H.	

B.M.A. (Section of Clinical Medicine) Prize.

The Council has accepted the offer of the Section of Clinical Medicine of the British Medical Association (S.A. Branch) to provide an annual prize for proficiency in clinical medicine. The prize consists of medical works of the value of ten guineas to be selected by the successful candidate and is available for award annually to the candidate placed first in the Interim Examination in Clinical Medicine held during the fifth year of the medical course. If in the opinion of the examiners the candidate is not of sufficient merit, no award of the Prize shall be made in that year. It is not awarded twice to the same person. The examiners are appointed by the Council on the recommendation of the Faculty of Medicine; and the examination is held after the students have completed their six months' clerkship.

D. 135/32.

Awards.

For previous awards, see Calendars from 1937.

1953	Wyllie, Robert Gurner	1955	Jose, John Salisbury
	<i>Prox. acc.:</i>	1956	Parks, Veronica June
	Posen, Solomon		<i>Prox. acc.:</i>
	McAuliffe, David Jeremiah		Beare, James Hudson
1954	Robertson, Anthony Oliver	1957	Hall, Donald Richard

Frank S. Hone Memorial Prize.

The South Australian Branch of the British Medical Association has agreed to provide an annual prize of fifteen guineas, to be known as the Frank S. Hone Memorial Prize and to be awarded to the student gaining the highest place in Group 1, The Principles and Practice of Medicine and Therapeutics, in the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery. The prize will be awarded on the results of the annual examination in November.

Payment of the prize will be made direct by the Association to the successful candidate.

D. 1012/51.

Awards.

For previous awards, see Calendars from 1953.

- | | | | |
|------|---------------------------|------|-------------------------|
| 1955 | Fitch, Kenneth Duncan | 1956 | Brown, Jennifer May |
| | <i>Prox. acc.:</i> | 1957 | Kinlough, Margaret Anne |
| | Robertson, Anthony Oliver | 1958 | Barlow, Douglas J. |
| | Tan Kheng Khoo | | |

The William Gardner Scholarship and Prize.

The scholarship, founded in memory of the late Dr. William Gardner, is of the value of £45 and is awarded annually for merit in surgery at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

The prize, of the value of the total annual income from the capital sum less £45, is awarded annually for merit in Surgery and other subjects at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery.

For conditions, see Statutes, Chapter LXIII, page 221.

Awards.

For previous awards, see Calendars from 1944.

Scholarship:

- | | | | |
|------|-------------------------|------|---------------------|
| 1957 | Gunning, Julianne E. S. | 1958 | Beaumont, Gordon D. |
| | <i>Prox. acc.:</i> | | |
| | Mann, William Eric | | |

Prize:

- | | | | | |
|------|-------------------------|---------|------|--------------------|
| 1957 | Gunning, Julianne E. S. | } equal | 1958 | Barlow, Douglas J. |
| | Kinlough, Margaret A. | | | |
| | | | | |

The Shorney Medal.

This medal, established in 1942 in memory of the late Dr. Herbert Frank Shorney, is awarded each year for merit in Diseases of the Ear, Nose and Throat.

For conditions, see Statutes, Chapter LXIV, page 222.

Awards.

For previous awards, see Calendars from 1946.

- | | | | |
|------|---------------------------|------|--------------------------|
| 1955 | Lykke, Athol William John | 1957 | Spence, Robin Douglas J. |
| 1956 | Brand, Ian Allan George | 1958 | Akkermans, Charles H. |

The Shorney Prize.

This prize, of the value of £100, is awarded for original work in Ophthalmology or in Diseases of the Ear, Nose and Throat by a graduate of an Australian University.

For conditions, see Statutes, Chapter LXIV, page 222.

Awards.

- | | |
|------|--|
| 1946 | Gregg, N. McAlister, M.B., Ch.M. (Syd.). |
| 1954 | Fleming, W. E., M.B., B.S., D.L.O. (Melb.). |
| 1958 | Christensen, F. G., D.D.Sc. (Q'land), F.D.S.R.C.S. |

The College of General Practitioners Prize.

RULES.

1. The prize shall be offered each year for competition among undergraduates in the Faculty of Medicine.

2. Entries for the prize shall consist of a case history and commentary, or a series of case histories with commentary, on a patient or patients seen by an undergraduate in general practice.

3. The prize shall be awarded by the Faculty of Medicine on the recommendation of a panel of examiners appointed for the purpose by the Faculty.

4. Candidates wishing to enter for the prize must submit their entries to the Registrar by 31st March each year.

Wyeth Prize in Obstetrics.

The Council has accepted the offer of Wyeth Incorporated to provide an annual prize of £20 to the candidate placed first in Clinical Obstetrics at the final examination for the degrees of Bachelor of Medicine and Bachelor of Surgery (D. 341/45).

Awards.

For previous awards, see Calendars from 1945.

1955 Cohen, Harry	1957 Kinlough, Margaret Anne
1956 Weston, Frank Keith	1958 Barlow, Douglas J.

The Pfizer Prize in Gynaecology.

The Council has accepted the offer of Messrs. Charles Pfizer to provide an annual prize of £25 to the candidate placed first in Gynaecology at the Final Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery; provided that an award shall be made only if the successful candidate passes at the same time in all other subjects of the Final Examination, and obtains in Gynaecology marks at least equal to the minimum standard required for a Pass with Distinction in the whole examination.

Awards.

For previous awards, see Calendar for 1958.

1957 McCall, Michael G.	} equal	1958 Rodgers, William O.
Tozer, Ross L.		

T. G. Wilson Travelling Scholarship in Obstetrics.

In 1938 the sum of £2,000 was paid to the University by Thomas George Wilson, M.D., for the purpose of promoting the study and practice of Obstetrics and Gynaecology by founding a scholarship, which is of the value of £200.

For conditions, see Statutes, Chapter LVII, page 219.

Awards.

1947 R. M. MacIntosh, M.B., B.S.	1951 R. M. Beard, M.B., B.S.
N. A. Richards, M.B., B.S.	1955 Daphne R. Lowe, M.B.,
1949 G. W. E. Aitken, M.B., B.S.	B.S.
M. W. Elliott, M.B., B.S.	

Prizes in Pharmacology.

During the years 1931 to 1938, prizes in Pharmacology were provided by the Hoffmann-La Roche Company Limited, of Basle, Switzerland.

In 1953 the Council accepted the offer of Roche Products Limited, of Welwyn Garden City, Hertfordshire, England, to provide the following prizes to encourage the study of Pharmacology:

A Junior Roche Products prize of £10 is awarded annually to the student who obtains the highest number of marks at a special examination in Pharmacology to be held by the Professor of Pharmacology in November.

A Senior Roche Products prize of £25 is awarded to a student undertaking Pharmacological research of sufficient merit in the opinion of the Professor of Pharmacology.

Provided that if in any year there be no senior candidate and there be in that year two junior candidates of equal merit, a second junior prize of £10 may be awarded.

Awards.

For previous awards of Hoffman-La Roche Prizes, see Calendars from 1937.

1955 Junior Prize: Barr, Alan Marshall

1956 Junior Prize: Barlow, Douglas John

1957 Junior Prize: Fahy, Carlien Lorraine

1958 Junior Prize: Kimber, Richard J.

Faulding Scholarships in Experimental Pharmacology and Therapeutics.

The Council has accepted the offer of F. H. Faulding and Co., Ltd., of Adelaide, to provide the following scholarships in experimental pharmacology and experimental therapeutics:

(1) A junior Faulding Scholarship of the value of £50 for one year to enable the holder of a pass B.Sc. degree to proceed to the Honours degree of Bachelor of Science in these subjects.

(2) In the event of there being no allocation of the junior scholarship for one or more years, but not more than three years, the accumulated sums or portion thereof may be made available as a Senior Faulding Scholarship to a suitably qualified graduate in Medicine or an honours graduate in Science for the purpose of supporting one year's research work in experimental pharmacology and/or therapeutics.

Application for either scholarship should be made by 1st November to the Registrar, from whom particulars may be obtained.

Awards.

For 1940 Junior Prize: Watson, Timothy Alfred Quinlan, B.Sc.

For 1941 Junior Prize: Condon, Robert Francis, B.Sc.

For 1942 Junior Prize: Condon, Robert Francis, B.Sc.

For 1946 Junior Prize: Neale, Shirley Margaret, B.Sc.

For 1949 Junior Prize: Johnson, Keith Douglas, B.Sc.

Medical Research Committee Grants.

The Medical Research Committee will consider applications from persons wishing to undertake medical investigations. Within the limit of its resources, the Committee will provide salaries for suitably qualified graduates able to devote their full time to original work undertaken within or under the aegis of a University Department.

It will be glad also to examine the possibility of assisting with the provision of such facilities, other than salaries, as are necessary to enable qualified persons to undertake medical research.

Applications should contain full details of the work proposed and of the estimated cost, and should be made in writing to the Registrar; but candidates are advised first to consult the Professor or Head of the Department within which their research project is likely to fall.

A report giving full details of the results obtained will be required on completion of an investigation, and interim reports must be submitted if asked for. Every report must include a statement that the work has been carried out with assistance provided by the Medical Research Committee of the University of Adelaide.

FACULTY OF DENTISTRY.

The Thomas D. Hannon Prize.

The Council has accepted a gift from the South Australian Branch of the Australian Dental Association of £133 to endow an annual prize of £4 4s. to be known as the Thomas D. Hannon Prize. The prize will be awarded to the student who is placed first in the list of candidates who pass with distinction in the third year examination for the degree of Bachelor of Dental Surgery.

Awards.

1956	No award	1958	No award
1957	Burfield, Brenton G.		

The Dental Board of South Australia Prize.

RULES

The Council has accepted the offer of the Dental Board of South Australia to provide a prize of £10/10/- to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the fourth-year examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1953.

1955	Heithersay, Geoffrey S.	1957	No award
1956	Thomson, Beresford J. R.	1958	Burfield, Brenton G.

Australian Dental Association (S.A. Branch) Prize.

The Council has accepted the offer of the S.A. Branch of the Australian Dental Association to provide a prize of fifteen guineas to be awarded annually to the student who is placed first in the list of candidates who pass with credit in the final examination for the degree of Bachelor of Dental Surgery.

Awards.

For previous awards, see Calendars from 1945.

1955	Fairweather, Ethel Firl	1957	Thomson, Beresford J. R.
1956	Grave, Keith Cyril	1958	No award

The Faulding Scholarship in Dentistry.

RULES

The Council has accepted the offer of Messrs. F. H. Faulding and Co. Ltd. to provide the sum of £21 a year for at least five years for a scholarship in Dentistry on the following conditions:

1. The scholarship shall be known as The Faulding Scholarship in Dentistry.

2. The scholarship may be awarded annually to assist a graduate in Dentistry to proceed to a higher degree or to undertake an original investigation approved by the Faculty.

3. Provided that the scholar's progress is satisfactory to the Faculty, the scholarship may be renewed for a second year, but not longer.

4. If no scholarship be awarded for two successive years, a scholarship to the value of not more than £40 may be awarded to a graduate in Dentistry to assist him to undertake research work on some dental problem approved by the Faculty.

The Dental Board of South Australia Research Scholarship.

RULES

Whereas the Dental Board of South Australia has agreed to pay to the University from time to time certain sums of money for the purpose of founding a research scholarship in Dental Science, it is hereby provided that:

1. The scholarship shall be called The Dental Board of South Australia Research Scholarship.

2. The purpose of the scholarship is to encourage research in dental science on subjects approved from time to time by the Faculty of Dentistry.

3. An applicant for the scholarship shall be a graduate in Dentistry of the University of Adelaide or of a University recognised by the University of Adelaide.

4. The scholarship shall be awarded by the Council on the recommendation of the Faculty of Dentistry. In making recommendations the Faculty shall take into consideration the proposed subject of research or investigation, the suitability of the candidate to undertake it and the value that should be attached to the scholarship in each case.

5. The research or investigation for which the scholarship is awarded shall be carried out under the supervision of the Director of Dental Studies.

6. Within the financial provision made available from time to time by the Dental Board of South Australia, the University may award more than one scholarship at any one time.

Awards.

1950 Plummer, Alexander P., 1958 Sims, Milton R., B.D.S.
B.D.S.

FACULTY OF ECONOMICS**Professor Tew's Prize for Economic I.**

In 1949 Professor Brian Tew, Professor of Economics in the University of Adelaide from 1946 to 1949, gave £100 to provide prizes in the Department of Economics. Under that gift an annual prize of £3/3/- is awarded to the candidate placed first in the annual examination in Economics I, provided that he is of sufficient merit.

Awards.

For previous awards, see Calendars from 1955.

1955	McGrath, James Patrick	1957	Sherwin, Rolf Morton
1956	Billingshurst, H. } equal	1958	Blandy, Richard J. } equal
	Kohler, B. L. P. }		Henderson, James Y. }

The Economic Society Prize.

The Council has accepted the offer of the South Australian Branch of the Economic Society of Australia and New Zealand to provide an annual prize of books to the value of £10/10/- and one year's free membership of the Society, for the best student in Economics III. The prizeman is required to present a paper to the Society. (D. 190/37.)

Awards.

For previous awards, see Calendars from 1945.

1955	Tuckwell, Roger Hamilton	1957	Lawrence, Margaret Evelyn
1956	Terrell, Richard Deane	1958	Read, Peter J.

The John Lorenzo Young Scholarship.

This Scholarship was founded in memory of the late John Lorenzo Young, and is awarded to encourage research in Political Economy or some cognate subject.

For conditions, see Statutes, Chapter XXXIX, page 207.

Awards.

For previous awards, see Calendars from 1954.

1942	Ramsay, Alexander M., B.Ec.	1948	Opie, Roger Gilbert, M.A.
		1952	Penny, David H., B.Ec.
1946	Cheek, Bruce M., B.A.		

The John Creswell Scholarships.

These scholarships were founded in 1913 by public subscription in memory of the late John Creswell. They are tenable for five years, and scholars proceed to the degree of Bachelor of Economics.

For conditions, see Statutes, Chapter XXXVI, page 204.

Awards.

For previous awards, see Calendars from 1919.

1955	Haslam, Gavin Morris	1956	No award
	Johnson, Robert John	1957	No award

The George Thompson Bursary in Commerce.

This bursary was founded in 1923 by the Adelaide Co-operative Society, Limited, in memory of the late George Thompson, the first Secretary and Manager of the Society.

For conditions, see Statutes, Chapter XLVI, page 213.

Awards.

For previous awards, see Calendars from 1931.

- | | | | |
|------|------------------------|------|----------------|
| 1947 | Thompson, James Andrew | 1955 | Martin, Ian S. |
| 1951 | Wheaton, Roger Phillip | | |

The Archibald Mackie Bursary.

This bursary was founded in 1915 in memory of the late Archibald Mackie, formerly Secretary of the S.A. Commercial Travellers' Association.

For conditions, see Statutes, Chapter XVIc, page 187.

Awards.

For previous awards, see Calendars from 1932.

- | | | | |
|------|--------------------------|------|-------------------------|
| 1941 | Mitchell, Shirley Eileen | 1946 | Noblett, Peter |
| 1944 | Gordon, John Llewellyn | 1954 | Wilson, Geoffrey Palmer |

The Joseph Fisher Medal.

The statute provides for the annual award of this medal to the candidate for the degree of Economics, who, on completing the course for the degree and having included in it four courses in Accountancy and Law, shall, in the opinion of the examiners, be the most distinguished, and be considered by them worthy of the award.

For conditions, see Statutes, Chapter XXVIII, page 197.

Awards.

For previous awards, see Calendars from 1913.

- | | | | | |
|------|------------------|------|---------------------|---------|
| 1954 | Sallis, Brian L. | 1957 | Terrell, Richard D. | } equal |
| 1955 | No award | | Tremlett, Ian W. | |
| 1956 | Dixon, John | 1958 | Luke, David A. T. | |

Australian Society of Accountants Prizes in Accountancy.

For six years, from 1947, the Commonwealth Institute of Accountants provided the sum of £30 a year for five years for the purpose of providing Prizes in Accountancy. In 1953, responsibility for providing the Prizes was assumed by the Australian Society of Accountants. The Prizes, at first known as the Commonwealth Institute of Accountants Prizes in Accountancy, have been known since 1953 as The Australian Society of Accountants Prizes in Accountancy. They are awarded in accordance with the following rules:

1. Two prizes, each of the value of £15, are offered annually.
2. Provided that there are candidates of sufficient merit, one prize shall be awarded to the candidate in Elements of Accounting (till 1956 in Accountancy I) and the other to the candidate in Management Accounting (till 1956 in Accountancy II), who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.

3. Each prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.

4. If in any year the course of lectures in Elements of Accounting or Management Accounting is not given, the prize in that subject shall lapse for that year.

Awards.

For previous awards, see Calendars from 1953.

- | | | |
|------|--|---------|
| 1955 | Richards, Fred Kither (Accountancy I) | |
| | Harrison, Jack (Accountancy II) | |
| 1956 | Billinghurst, Howard (Accountancy I) | } equal |
| | Kelly, James Michael (Accountancy I) | |
| | Luke, David Alan Thomas (Accountancy II) | |
| 1957 | Hooker, Robert John, B.E. (Elements of Accounting) | |
| | Luke, David Alan Thomas (Management Accounting) | |
| 1958 | Henderson, James Y. (Elements of Accounting) | |
| | Dawe, Arthur B. S. (Management Accounting) | |

The Institute of Chartered Accountants in Australia Prize in Financial Accounting.

The South Australian State Council of the Institute of Chartered Accountants in Australia has offered to provide annually the sum of £10/10/- for a prize in Financial Accounting, and the following rules have therefore been made:

1. A prize to the value of £10/10/- is offered annually.
2. Provided that there is a candidate of sufficient merit, the prize shall be awarded to the candidate in Financial Accounting, who gains the highest marks for his exercise, essay and examination work in the subject throughout the year.
3. The prizeman, before being paid the value of the prize, will be required to produce evidence that he will spend, or subsequent to being recommended for the prize, has spent, the value of the prize on the purchase of books approved by the Professor of Commerce.
4. These rules may be varied by the Council, but the title and purpose of the prize shall not be altered without the consent of the Institute of Chartered Accountants in Australia.

Awards.

- | | | | | |
|------|----------------------|---------|------|------------------|
| 1957 | Mills, Bernard J. } | } equal | 1958 | Fowler, Peter T. |
| | Rogers, Jeffrey N. } | | | |

Australasian Institute of Cost Accountants Prize in Cost Accounting.

RULES

In 1948 the South Australian Divisional Council of the Australasian Institute of Cost Accountants Incorporated offered to provide annually the sum of £3 3s. for a prize in Cost Accountancy and Budgetary Control.

The prize so provided is awarded annually to the candidate placed first in the list of candidates who pass with credit in the annual examination in Cost Accounting.

Awards

For previous awards, see Calendars from 1954.

1955	Zajicek, Jan	1957	No award
1956	Branson, Kenneth George	1958	Day, Ian M.

S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control.

RULES

The Council having accepted the offer of the S.A. Chamber of Manufactures Incorporated to provide the sum of £10/10/- a year on a three-year basis for the purpose of providing prizes in Cost Accountancy and Budgetary Control, the following rules are hereby made:

1. A prize to encourage the study of Cost Accountancy and Budgetary Control, of the value of £10/10/-, and to be known as the S.A. Chamber of Manufactures Incorporated Prize in Cost Accountancy and Budgetary Control, shall be offered annually.

2. Provided that the work is of sufficient merit, the prize shall be awarded to the candidate who submits the best original essay on a subject prescribed by the Faculty of Economics and relating to Cost Accountancy and Budgetary Control.

3. In awarding marks for the essays, particular consideration will be given to papers which may be regarded as a contribution of permanent value to the literature upon some aspect of Cost Accountancy and Budgetary Control.

Awards.

For previous awards, see Calendars from 1955.

1956	May, Geoffrey Ernest	1958	Robertson, Robert M.
1957	Terrell, Richard Dean		

The Royal Institute of Public Administration Medal and Prize.

RULES.

Whereas the Council has accepted the offer of the South Australian Regional Group of the Royal Institute of Public Administration to provide annually a medal and prize for Public Administration, the following rules are hereby made:

1. The medal and prize shall be known as the Royal Institute of Public Administration Medal and Prize and shall be awarded annually to the candidate who, on completing the course for the Diploma in Public Administration, shall in the opinion of the examiners, be the most distinguished and be considered by them worthy of the award.

2. No candidate shall be eligible for the award if he fails to complete the course for the Diploma within six years of his entering upon the course except for special reasons allowed by the Council, nor shall any candidate be eligible if he has received exemption from examination in any subject in the course.

3. These rules may be varied by the Council from time to time but the title and general purpose of the award shall not be changed.

Awards.

1957 Taeuber, Kenneth Charles 1958 Belchamber, Kenneth

The Adelaide Chamber of Commerce Prize.

RULES.

The Council has accepted the offer of the Adelaide Chamber of Commerce to provide an annual prize of £10/10/- to be awarded to the student placed first in the annual examination in Economics II provided that he is of sufficient merit.

Award.

1958 Robertson, Robert M. } equal
Sherwin, Rolf M. }

The Shell Prize in Economics.

A prize of £25 will be awarded to the full-time student who is, in the opinion of the Board of Examiners, the most outstanding student in the second year in the degree of Bachelor of Economics course, provided that the prize shall not be awarded if, in the opinion of the Board of Examiners, there is no candidate of sufficient merit. For this purpose a student in the second year is defined as one who having passed without failure in four first year subjects is taking Economics II, Economic Development I, Economic Statistics I and one other subject in the one year.

Award.

1958 Hicks, Ronald P. } equal
Sherwin, Rolf M. }

FACULTY OF ARCHITECTURE.

The Kenneth and Hazel Milne Travelling Scholarship.

Mr. F. Kenneth Milne has given the sum of £5,000 to establish a postgraduate travelling scholarship in Architecture.

For conditions see Statutes, Chapter LXXXI, page 238.

The Asbestolite Proprietary Limited Award in Architecture.

Whereas Asbestolite Proprietary Limited has agreed to provide an annual award of £50 in Architecture, the following rules are hereby made:

1. The award shall be known as "The Asbestolite Proprietary Limited Award in Architecture." The purpose of the award shall be to assist the holder to travel to other parts of Australia for architectural study.

2. The award shall be made annually to the matriculated student in the Fourth Year of the course for the degree of Bachelor of Architecture, who, in the opinion of the Board of Examiners, most distinguishes himself in the annual examinations, provided that no award shall be made if no student is of sufficient merit.

3. Each student to whom an award is made shall submit a report on his studies under the award to the Professor of Architecture within twelve months of the award.

PHYSIOTHERAPY.

The Kate Gilmore Reid Prize.

Whereas the Australian Physiotherapy Association South Australian Branch Incorporated has offered to provide an annual prize of £5 in memory of the late Kate Gilmore Reid, the following rules are hereby made:

1. The prize shall be known as the Kate Gilmore Reid Prize.
2. It will be paid direct to the successful candidate by the Australian Physiotherapy Association.
3. It shall be awarded annually on the results of the November examination to the final year student in Physiotherapy whose practical work is carried out with the greatest care and intelligence and in a manner most likely to benefit the patient and assist in the smooth running of the Physiotherapy Department.

Awards:

1955 Chambers, Ruth Alva	1957 Hosking, Elizabeth Mary
1956 Cornell, Janet-Clare	1958 Gillman, Meredith E.

SCHOLARSHIPS TENABLE IN DIFFERENT FACULTIES.

The I.C.I.A.N.Z. Research Fellowship.

RULES.

Whereas Imperial Chemical Industries of Australia and New Zealand Ltd. has agreed to provide the sum of £A1,100 a year for a research fellowship in the University of Adelaide, the following rules are hereby made:

1. The Fellowship shall be called "The I.C.I.A.N.Z. Research Fellowship" and shall be of the annual value of £A1,100.
2. The object of the Fellowship is to promote knowledge in a field which has some direct relation to the scientific interests and national responsibilities of Imperial Chemical Industries of Australia and New Zealand Ltd. Accordingly the Fellowship may be awarded to a candidate who proposes to undertake research on a subject or topic in Agricultural Science, Applied Chemistry, Biochemistry, Chemistry, Chemotherapy, Engineering, Mining, Metallurgical and Chemical Engineering, Pharmacology, Physics or some other subject approved by the University.
3. Any subject of a nation of the British Commonwealth who is a graduate of a recognised University may be a candidate for the Fellowship.

4. The Fellowship will be awarded for a period of two years but may be terminated earlier if the Fellow's work or progress is not satisfactory. In special circumstances it may be renewed for a third year, but not longer. Tenure (and salary) will begin on the date on which the Fellow takes up duty in Adelaide.

5. A Fellow may be permitted to undertake teaching duties within the University in addition to research activities for which the Fellowship is granted.

6. An applicant must give particulars of his age, his academic record, and his previous research work including a list of publications (if any), must state as specifically as he can the subject on which he would wish to undertake research if awarded the Fellowship, and must give the names and addresses of two referees of whom confidential opinions may be sought. If his research will involve special or expensive apparatus he should state his requirements.

7. No provision is made for a candidate's fare to Adelaide.

Awards.

- 1952 Robertson, David S., M.Sc. (Manc.), B.Sc. (Adel.)
1954 Milligan, Brian, B.Sc.
1956 Christie, Basil James Frederick, B.Sc.
1958 Inman, Ross Banks, B.Sc.
Henderson, Ronald George, B.E. (Special Scholarship)

The George Murray Scholarships.

(In Faculties other than Arts and Economics)

RULES.

1. Beginning in 1957, two scholarships tenable at approved Universities or Institutions overseas will be offered each year for competition amongst outstanding graduates in faculties other than Arts and Economics.

2. The normal period of tenure of a scholarship will be two years. In exceptional cases the period of tenure may be extended for a third year, but not longer.

3. (a) Each scholarship will be of the value of £600 Sterling a year, until the Council decides otherwise.

(b) One-quarter of the annual value of the scholarship will be paid to the scholar before his departure from Australia; and the balance in equal quarterly instalments in advance thereafter.

(c) Payment of the scholarship for the second year will be contingent upon receipt by the University, from the candidate's supervisor or from the Head of the department in which he is studying, of a satisfactory report on his work during the first year.

4. A candidate for a scholarship shall:

(a) hold one or other of the following qualifications, namely:

- (i) the Honours degree of B.Sc., or B.Ag.Sc. or B.E. or B.Med.Sc., followed by at least one year (preferably two years) of full-time research work; or
- (ii) the degree of Master or Ph.D.; or
- (iii) the degrees of M.B., B.S., or the degree of B.D.S., LL.B.

with Honours, or Mus.Bac., followed by at least two years of further studies;

(b) provide evidence that he would be accepted as a postgraduate research student by the Head of an appropriate department in a University or equivalent Institution abroad, and indicate the proposed field of study;

(c) give satisfactory evidence that if granted an Overseas Scholarship he will have sufficient additional funds to enable him to undertake his proposed course of study.

5. The following matters will be taken into consideration in determining the awards:

(a) the likelihood that the candidate will be able to pursue successfully his proposed work overseas;

(b) the desirability and probability of the candidate's obtaining study opportunities of a type not available to him in Australia;

(c) the extent to which each candidate is eligible for an outside scholarship.

6. A candidate should apply through the Head of his department to the Registrar not later than the end of November in the year preceding that for which the award is sought.

7. The holder of a George Murray Scholarship shall submit annually to the Registrar at the end of each year's work under the scholarship, a report on the work he has done during that academic year.

Awards.

- 1957 Keech, Donald Bruce, B.Sc.
 Perrett, Lance Victor, M.B., B.S.
 1958 Buttrose, Mark Sinclair, B.Ag.Sc.
 Posen, Solomon, B.A. (Manc.), M.B., B.S.
 1959 Treloar, Francis E., B.Sc.
 Wells, Cedric B., B.Ag.Sc.

The Chapman Memorial Scholarship.

RULES

Whereas a sum of money* has been given to the University for the purpose of establishing a Scholarship in memory of James Chapman and of his sons Stirling and Rodney Chapman, the following Rules are hereby made:

1. The Scholarship shall be known as the Chapman Memorial Scholarship.

2. The scholarship shall be awarded annually to a candidate who, having been a student of King's College, Adelaide, has been recommended to the Council by the Headmaster of King's College and has matriculated in either the Faculty of Science or the Faculty of Engineering. Provided that no award need be made if, in the opinion of the Headmaster of King's College, no eligible person is worthy of the award.

3. The Council may, in its discretion, terminate the tenure of the Scholarship of any Scholar who does not continue with his course or whose progress in his studies is unsatisfactory; and in such case the Scholarship may be awarded to another person in accordance with rule 2.

* About £1,400.

4. The period of tenure of each Scholarship shall normally be three years, with power for the Council to increase this period in the case of a student whose course in either of the above Faculties extends beyond three years.

5. So long as the fund and the income thereof suffice for the purpose, each Scholarship shall be of the value of £45 a year, which shall be paid to the Scholar in three equal instalments, one at the beginning of each term in the year or years in which the Scholarship is current.

6. These Rules may be varied from time to time by the Council, but the title and purpose of the Scholarship shall not be changed, nor shall the Scholarship be awarded save on the recommendation of the Headmaster of King's College, Adelaide.

Award.

1957 May, Kevin Ronald

William Donnithorne Awards.

RULES.

Whereas the late William Donnithorne has bequeathed to the University the sum of £2,050, the income of which shall be applied annually "to assist one medical student and one law student to continue their studies as the Chancellor of the University may decide," the following Rules are hereby made:

1. Two awards, each to be known as a William Donnithorne Award, shall be available each year.

2. The value of each award shall be determined by the Chancellor when he makes it.

3. Each award shall be tenable for one year, but a candidate shall be eligible to receive an award for more than one year.

4. To be eligible for an award an applicant must have completed at least one full year's work in his course.

5. Both academic record and financial need will be taken into account in determining awards. A candidate must therefore give particulars of all other monetary awards (if any) that he holds and of his own and his parents' financial circumstances.

6. In the absence of any suitable candidate wishing to continue undergraduate studies an award may be made to a graduate to enable him to undertake studies in the Faculty concerned.

7. Applications in writing shall be lodged with the Registrar not later than March 1 in the year for which the award is sought. Applications must give the particulars referred to in Rule 5 above, and in the case of candidates wishing to undertake graduate studies particulars of the studies proposed.

D. 1088/52.

Australian Atomic Energy Commission Undergraduate Scholarships.

The Australian Atomic Energy Commission provides each year a number of Undergraduate Scholarships in Geology, Geophysics, Metallurgy and Chemical Engineering. They are open to British subjects domiciled in Australia and enrolled in an approved course of study leading to a degree in Science or Engineering.

The basic value of each Scholarship is £300 in the first year, with annual increments of £25. All tuition fees of a compulsory nature are paid by the Commission which will, in addition, make an allowance for books and an allowance, at the rate of £65 a year, to scholarship holders who are required to live away from their homes during training.

Further particulars may be obtained either from the Registrar of the University (D. 380/56) or from the Secretary, Australian Atomic Energy Commission, Sydney, New South Wales.

Australian Atomic Energy Commission Post-graduate Studentships.

CONDITIONS

1. A Studentship shall be granted for research on an approved project at a University or other approved research institution. The University shall nominate the project and the student, but the final choice in each case shall be made by the Commission. The research project shall be within fields of importance to Australia's programme of atomic energy research, development and application—at present Applied Physics, Chemistry, Chemical Engineering, Electrical and Mechanical Engineering, Metallurgy and Physics. Students will normally be expected to be accepted by the University as students working for a Ph.D. degree.
2. The Studentship shall be tenable for a period of one year, which may be renewed at the discretion of the Commission for a second or third year, dating from the commencement of studies.
3. The Studentship shall have a value of approximately £700 a year. If, however, acceptance of the studentship makes it necessary for a student to live away from home the Commission will meet the cost of rail fares for the journey from his home to the University town at the commencement of his studentship and on return at the end of his studentship, and similar return fares between University and home at the end of each year of his studentship. The Commission will also meet compulsory University fees except those fees payable for the actual taking out of a degree (examination and graduation fees, cost of preparation of a thesis, etc.).
4. The living allowance will be paid to the University in advance. The University will pay the student at such intervals as it considers desirable.
5. The Taxation Branch has indicated that a studentship is not subject to taxation. Hence the holders of studentships need not lodge income tax returns unless, during the year in question, they derive income from sources other than the studentship.
6. A brief report on the progress of a student's work and his activities must be sent to the Commission at the end of each half year by the student's supervisor. At the end of each year a technical report, written by the student on the progress of his work, must be submitted to the Commission.
7. The Commission may terminate a studentship at any time if it is not satisfied with the progress or conduct of the student.
8. If a student wishes to cease his training before the tenure of his studentship expires, he shall inform the Commission immediately.

Studentship emoluments will cease on the date on which a student discontinues his training. He may be required to refund any money paid to him in advance in respect of the unexpired portion of his studentship.

9. A student shall be expected to devote the whole of his time to training in research except for such reasonable vacations as are customary for students of similar status in the institution at which he is working.

10. A student may be permitted to undertake limited teaching or demonstrating duties during the period of his studentship, but he must inform the Commission of the extent of such activities and the income derived from them. The Commission may ask him to reduce these activities if it considers they are interfering with his training.

11. If a student is absent from work continuously for more than two weeks on account of illness, he must forward to the Commission a certificate from a qualified medical practitioner stating that his absence was occasioned by such illness. If a student's absence on account of illness continues for more than four weeks, the Commission will consider what effect, if any, this will have on his studentship.

12. Appropriate acknowledgment to the Commission shall be made if a student submits for publication any manuscript embodying the results of work he has undertaken during the tenure of his studentship.

Awards to Adelaide Candidates.

- 1956 Matthew, Ian George, B.Sc., B.E.
Staker, Robert, B.E.
1957 Butcher, Ian Robert, B.E.
Nolte, Bryan Trevor, B.E.
1958 Deacon, Glen Berenger, B.Sc.
Gray, Neil Boon, B.E.
Field, Graham J., B.E.

Shell Postgraduate Scholarships.

1. Applied Science.

The Shell Petroleum Company Limited, London, offers annually on behalf of the Royal Dutch-Shell Group of Oil Companies two scholarships, tenable in the United Kingdom, for post-graduate work in the applied sciences. The scholarships are designed to enable the holders, being graduates, to undertake two years' post-graduate work at the universities of Cambridge, London or Oxford, or at such other university in the United Kingdom as may be indicated by the specialised nature of studies which the scholar intends to follow.

The scholarships are valued at £750 sterling per annum. The cost of the passage to the United Kingdom and the return passage to Australia, if effected within 12 months of completion of the scholarship period, will be paid by the Shell Company of Australia Ltd.

The selection of the Australian candidates will be made on behalf of the Shell Petroleum Company Limited by a Selection Committee

in Australia and full particulars of the selected candidate will be sent to the U.K. Residence will normally be taken up in October of the year during which the scholarships begin. Allowances will be paid quarterly, the first instalment being paid on the first day of the term in which the candidate takes up residence at the University.

These scholarships are open to candidates who, being male British subjects, have been domiciled in Australia for the last five years and have taken with high honours a first degree in science or engineering at an Australian University, or expect to complete such a degree in 1958. In order to obtain the degree of Ph.D. at Cambridge a year's research in the Australian University is essential before going to Cambridge. Candidates should normally be under 25 years of age at the date of application.

Applications are desired from single men, but consideration will be given to married men; however, married men would need to cover the cost of the wife's passage to and from the United Kingdom.

2. Arts, Commerce, Economics, Law.

The Shell Company of Australia Limited offer annually up to three Post-graduate Arts Scholarships, each of which provides for two years' study at the Universities of Oxford or Cambridge. These Scholarships are each valued at £750 sterling per annum, plus passages.

Candidates must be in the final year of a full-time course for the degree of Bachelor of Arts, Commerce, Economics or Law at an Australian University. In addition candidates must be male British subjects with at least five years domicile in Australia, under the age of 25 years, unmarried, not currently holding another scholarship for overseas study, and free to accept an offer of employment with the Shell Company if such an offer is made and the candidate wishes to accept.

3. Selection.

The selection will be made by a committee comprising senior members of University staff and representatives of the Management of the Shell Company of Australia Ltd. Consideration will be given to academic ability and achievements or distinctions in other spheres as evidence that a candidate may ultimately have an important contribution to make to the commercial life of the community. State finalists will be required to present themselves for medical examination at the Company's expense prior to visiting Melbourne for final selection in December.

4. Applications.

Applications for these Scholarships should be made to the Staff Manager, The Shell Company of Australia Limited in the capital city of the State in which the applicant resides, by 31st October. Special forms and further information are available from the Registrar.

Awards to Adelaide Candidates.

Applied Science:

1954 Brett, Horace W. W., B.Sc.

1955 McCarthy, Ian E., B.Sc.

1958 Hearn, Anthony C., B.Sc.

Arts:

1956 Schneider, Michael P., B.A. (Special Award).

General Motors-Holden's Postgraduate Research Fellowships.

At the beginning of the 1957 academic year, General Motors-Holden's Limited made available to Australian Universities 25 Fellowships, each of the value £800-£1,200, to enable young graduates of outstanding talent to undertake research. The University of Adelaide has been allocated two of these Fellowships, with the possibility of an additional one in certain circumstances.

All graduates of Australian Universities are eligible to apply. Applicants, however, should make application to the particular University in which they desire to pursue their postgraduate studies. Graduates in all faculties may apply but, other things being equal, preference may be given to applicants who have graduated in Engineering, Science, Commerce or Economics, and who intend to follow careers in industry or teaching in Australia on completion of their Fellowships. Preference may also be given to applicants who have already qualified for a Master's degree or its equivalent in their appropriate faculties. Qualities of leadership as well as academic achievement will be taken into consideration in making Fellowship awards.

Application forms, obtained from the Registrar's office, should be completed and lodged not later than November 30 each year.

Awards.

- | | | |
|------|---|------------------------------|
| 1957 | Mortimer, Peter Inkster, M.Sc. | |
| | Thompson, Malcolm James, B.Sc. | |
| | Kurucsev, Tomas, B.Sc. | |
| 1958 | Mortimer, Peter Inkster, M.Sc. | } awarded for
second year |
| | Thompson, Malcolm James, B.Sc. | |
| 1959 | Mortimer, Peter I., M.Sc. (awarded for third year). | |
| | Nilsson, Carl S., B.Sc. | |

The Baillieu Research Scholarships.

Whereas the University has received a sum of money under the provisions of the Repatriation Fund (Baillieu Gift) Act, 1937, for the purpose of establishing and maintaining in perpetuity within the University a scholarship or scholarships, the following rules are hereby made:

1. Two Scholarships, to be known as the Baillieu Research Scholarships, shall be available annually.

2. The value of each Scholarship shall be £75 a year, or such other sum as the Council may from time to time determine, and shall be paid to the Scholar in three equal instalments, one at the beginning of each term.

3. Each Scholarship shall be tenable for one year in the first instance, but may be renewed for a second year and, in exceptional cases, for a third year, but not longer.

4. Any graduate of the University who desires to conduct within the University postgraduate research in Medicine, Law, Commerce, Economics or Architecture, and whose research proposals are satisfactory to the Head of the Department concerned, shall be eligible for a Scholarship.

5. Where a candidate, eligible under Rule 4, is the lineal descendant of an Australian soldier, sailor or airman who, as the

result of an occurrence happening during the period he was a member of the Forces, has died or has been blinded or has been permanently and totally incapacitated, he shall be awarded a Scholarship without regard to the merits of other candidates.

For the purposes of this rule:

- (a) a member of the Forces shall be deemed to have been blinded if his eyesight is so defective that he has no useful sight; and
- (b) a member of the Forces shall be deemed to have been permanently and totally incapacitated if he has been incapacitated for life to such an extent as to be precluded from earning other than a negligible proportion of a living wage.

6. Every application for an award—including, in the case of a Scholarship holder, any application for renewal—must be made through the Head of the candidate's Department, and should reach the Registrar by October 31. It should include full details of the proposed research and of the arrangements made or to be made for carrying it out.

7. All awards shall be made by the Council, on the recommendation of either the General Research Committee or the Medical Research Committee. If at any time there are more recommendations than available Scholarships, the Council shall choose between the recommended candidates.

8. If in any year a Scholarship is not awarded, such Scholarship may be awarded as an additional Scholarship in any subsequent year.

D. 350/51.

The David Murray Scholarships.

These scholarships, of the value of £25 each, were founded by the late David Murray, a former member of the Council of the University.

For conditions, see Statutes, Chapter XXXI, page 200.

Conditions and Methods of Award by Faculties.

ARTS.

In order to encourage students to undertake work of an advanced character a David Murray Scholarship will be awarded on the result of the examination for the Honours Degree of Bachelor of Arts, in Classics or French or Philosophy or Mathematics or German or Geography to a candidate whose work is considered to be of sufficient merit.

SCIENCE.

This scholarship is awarded to enable the recipient to carry out some scientific investigation. The successful candidate, who must have satisfied all the academic requirements for a degree in either pure or applied science, is required to submit the subject of his work for approval by the Faculty and the Council.

Payment will be made in two instalments, the first on approval by the Council of the subject of the scholar's work, and the second on receipt of a satisfactory report of progress.

LAW.

A David Murray Scholarship of £25 will be awarded each year to the candidate for the Ordinary Degree of Bachelor of Laws who, having been placed at his first attempt in the first class in at least four of the subjects in that course (excluding special subjects 1, 2, and 3), or in the first class in three and in the second class in three of those subjects, is considered by the examiners to be the most meritorious of the candidates graduating in that year.

Half of the amount of the scholarship will be paid to the scholar on the making of the award, and the balance will be paid if and when the scholar completes his qualifications for the Honours Degree of Bachelor of Laws within three years of the making of the award, or such extended time as the Faculty may allow.

MEDICINE.

Facilities for higher work will be offered to any graduate or undergraduate who desires to pursue a subject of research. A scholarship of the value of £25 may be awarded every second year for such work, provided it is of high quality. Undergraduates of not less than three years' standing and graduates of not more than two years' standing will be eligible to compete.

Awards.

For previous awards, see Calendars from 1913.

- | | |
|------|----------------------------------|
| 1951 | Arts—Johnson, Margaret Isobel |
| | Mills, John Murray |
| 1952 | Arts—Ellis, Brian David |
| 1955 | Law—Wilson, Ian Bonython Cameron |
| | Arts—McGill, Ian Keith |
| 1957 | Arts—Glenn, Margaret Joy |
| | Medlin, Brian Herbert |
| | Law—Curnow, Doreen |

The John L. Young Scholarship.

This scholarship was founded in memory of the late John Lorenzo Young, and is awarded to enable the recipient to carry out research in any branch of knowledge.

For conditions, see Statutes, Chapter XXXIX, page 208.

Awards.

For previous awards, see Calendars from 1923.

- | | | | |
|------|----------------------|------|--------------------|
| 1951 | Walker, Ian Saville | 1954 | Gooden, John E. A. |
| 1952 | Thompson, Malcolm J. | 1958 | Snoswell, Alan M. |

The Eric Smith Scholarship.

This scholarship was founded in memory of Lieutenant Eric Wilkes Smith, who was mortally wounded in the attack upon the Dardanelles on 25th April, 1915.

For conditions, see Statutes, Chapter XVIb, page 186.

Awards.

1927	Elliott, Ronald Donovan	1942	Cheek, Donald Brook
1934	Lemon, Arnold William	1948	O'Connell, Brian John
1937	Cheek, Nancy Olive	1952	Webber, Ian Ernest
1942	Wilson, Jack Woodrow (resigned)	1957	Woods, Meredyth Tenison

The St. Alban Scholarship.

The Masonic Lodge of St. Alban of South Australia having paid to the University the sum of £150 for the purpose of founding a scholarship, to be called the St. Alban Scholarship, the University has agreed—

1. That the St. Alban Scholarship shall be awarded by the University to any matriculated student thereof who (being certified in the form hereinafter provided, or in some similar form, to be a son or daughter of a worthy past or actual member of the said Fraternity) shall be nominated by the said Lodge as a person to whom a St. Alban's Scholarship shall be awarded. Each student so nominated shall hold such scholarship for such number of consecutive academical terms as the student must for the time being complete in order to obtain a degree in (as the case may require) Laws, Medicine, Arts, Economics, Science, Engineering or Music: Provided, nevertheless, that the said Lodge may from time to time at the end of any academical year terminate the tenure of the scholarship by the holder thereof for the time being, and substitute another matriculated student for such holder. Each student so substituted shall therefrom have all the advantages appertaining to such scholarship.

2. The value of the scholarship will be £15 a year, and the University will credit that sum towards payment of the scholar's fees in each year during which the scholar holds the scholarship.

3. Scholars shall be in all respects subject to the Statutes and Regulations for the time being of the University.

4. Save by permission of the Council of the University, no scholar shall be entitled to exemption from or to a reduction of University fees during more than the number of academical terms, reckoned consecutively, which such scholar must complete in order to obtain a degree in the course of study pursued by him or her, and the terms shall be computed from the day next preceding the commencement of the academic year in which he or she shall become a scholar.

5. Certificates in the respective forms hereinafter provided, or in some similar form, purporting to be signed by the Master or Acting Master and by the Secretary or Acting Secretary for the time being of the St. Alban Lodge, and to be sealed with the seal thereof, shall respectively be accepted by the University as sufficient evidence of the truth of the statements contained therein respectively, and of the due signature and sealing thereof respectively.

6. In the event of the Lodge St. Alban being erased or dissolved or becoming extinct, and in the event of its warrant becoming extinct or being delivered up to the Grand Master for the time being of the said Fraternity in South Australia, or being cancelled or becoming extinct, the said Grand Master, or (failing him) the Pro-

Grand Master, or (failing him) the Deputy-Grand Master, shall be entitled to exercise the aforesaid right of nominating persons (being sons or daughters of worthy members of the said Fraternity as aforesaid) to whom the St. Alban Scholarship shall be awarded by the University, of terminating the tenure of such scholarship by any holder thereof for the time being, and of substituting another matriculated student of the University in the room of any scholar whose tenure of the scholarship shall have been terminated by such Grand Master or by the St. Alban Lodge. And certificates similar in form to those hereinafter set forth, but adapted to the altered circumstances and purporting to be signed by the Grand Master for the time being of the said Fraternity in South Australia shall be accepted by the said University as sufficient evidence as well as the right of the person by whom any such certificate shall purport to be signed to sign it and to do the act mentioned therein, as of the fact that the alleged act has been duly done.

As amended by Council, June, 1922, and subsequently amended in 1954.

FORMS OF CERTIFICATES.

To the University of Adelaide.

Lodge St. Alban hereby certifies that
is the son (or daughter) of
who was (or is) a worthy member of the Ancient Fraternity of Free
and Accepted Masons under the Grand Lodge of South Australia,
and hereby nominates the said
as a person to whom the University shall award a St. Alban Scholarship.
The said scholar-designate is to study for the degree of Bachelor of

Dated at Adelaide this day of in
the year 19

(Lodge Seal.)

Signed,

Master of St. Alban Lodge.

Signed,

Secretary of St. Alban Lodge.

To the University of Adelaide.

Lodge St. Alban hereby certifies that it has determined the tenure
by of the St. Alban
Scholarship, and has substituted
in the room of the said

Dated at Adelaide the day of in
the year 19

(Lodge Seal.)

Signed,

Master of Lodge St. Alban.

Signed,

Secretary of Lodge St. Alban.

Awards.

For previous awards, see Calendars from 1921.

1942	Rounsevell, James Corryton	1953	Hambly, Francis Sutherland
1946	Perrett, Lance Victor	1957	Forgan, Dorothea Wald

The United Nations Prize.

In 1923 the late Tom Elder Barr Smith gave to the University the sum of £100 to found an annual prize for an essay on a subject connected with the work of the League of Nations; and until 1945 the prize was so offered for competition.

The League of Nations having been dissolved and the United Nations having been established in 1945, the prize is now offered in accordance with the following rules:

1. A prize of the value of £5 shall be offered annually for the best essay on a subject connected with the work of the United Nations.

2. The subject for essays in any year shall be prescribed by the Faculty of Arts before the end of the preceding year.

3. Any undergraduate or non-graduating student in the University, or any member of any class under the control of the University, shall be eligible to compete, provided that he is not already a graduate of any University.

4. An essay for the prize shall—

(a) contain not fewer than 4,000 nor more than 10,000 words;

(b) be submitted to the Registrar not later than 30th September in the year of competition (unless in special circumstances a later date be allowed);

(c) be accompanied by a list of the sources from which the material for it was obtained.

5. The prize shall not be awarded more than once to the same person; nor shall an award be made in any year if in the opinion of the examiners no essay of sufficient merit has been submitted.

6. The examiners shall be appointed annually by the Faculty of Arts and shall convey their decision to the Registrar not later than 1st December in the year of competition.

7. Whenever the credit balance of the income from the endowment will permit the value of the prize shall be increased to £10.

8. These rules may be varied by the Council from time to time, provided only that the general purpose of the endowment be fulfilled.

Awards.

For previous awards, see Calendars from 1937.

1940	Gent, John George Moyns	1944	Osborn, Rowen Frederic
1943	Cheek, Bruce Mansfield	1945	Cashmore, Helen Patricia

The subject for 1959 is—

The United Nations and the Near East.

The Hartley Studentship.

This studentship, of the value of £25, was founded in 1898 by public subscription in memory of the late John Anderson Hartley, B.A., B.Sc., Vice-Chancellor of the University and Inspector-General of Schools of South Australia. It is awarded annually on the results of the Leaving Honours examination and is available for the B.A., B.Sc., B.E., LL.B., M.B., and B.S., B.D.S., or Mus. Bac. course.

For conditions, see Statutes, Chapter XXII, page 191.

Awards.

For previous awards, see Calendars from 1911.

1950	Lokan, Keith Henry	1954	Kersten, Lee Irving
1951	Alpers, Michael Philip	1955	Wells, Gregory Samuel.
1952	Aldor, Thomas Arthur M.	1956	Klaebe, Kenneth Eric
1953	Kelly, Robert John	1957	Perriam, Donald J.

Commonwealth Scholarships.

The Commonwealth Scholarship Scheme is administered by the State Education Departments on behalf of the Commonwealth. The scholarships serve a two-fold purpose in that they both provide educational opportunity for the individual and help to maintain the output of qualified men and women needed in the national life of Australia. Commonwealth Scholarships may be used for either full-time or part-time study.

In South Australia nearly all Commonwealth Scholarships (more than 250 a year and referred to below as "Open Entrance Scholarships") are awarded on the results obtained in the applicant's best five papers at the Leaving Examination taken at the one time; results at the supplementary examinations are not counted. A candidate must reside in Australia with his parents and must be under 25 on 1st January of the year in which he begins his course, irrespective of when he sat for the Leaving Examination. In addition he must not already have a record of failure in University or similar courses; previous successful study in such courses may not disqualify. Commonwealth Scholarships are NOT awarded on Leaving Honours results.

A successful applicant may request deferment of his scholarship for twelve months in order that he may take a Leaving Honours course or for other good reasons; in approved cases deferment may be granted for two years.

An applicant must fulfil the entrance requirements for his chosen course before he can use his scholarship. In general these can be completed during a year of deferment, but in the case of degree courses the applicant must have matriculated for some degree course at the time of award.

An open Entrance Scholarship may be used for any approved course in Australia. In South Australia the courses which have been approved to date are: all University first degree courses; most University diploma courses; School of Mines diploma courses; diplomas in Agriculture, Dairying and Oenology at Roseworthy Agricultural College; the diploma of the Kindergarten Training College; diplomas in Pharmacy and Optometry. Lists of courses available in this and

other states may be seen at the Scholarships Branch, Second Floor, Education Building, Flinders Street, Adelaide.

Some Commonwealth Scholarships are available each year for students who did not obtain scholarships on their Leaving Examination results but who have had some success in an approved course. It is also open for a student in any year of his course to apply for an Open Entrance Scholarship on his Leaving Examination results. Should he not be successful he can still be considered for a Second or Later Year Scholarship based on his course record.

All awards are competitive, and a minimum standard is prescribed. Commonwealth Scholarships involve certain minor obligations during training, but there is NO obligation to serve the Commonwealth Government on completion of the course. The Scholarships cover payment of most compulsory fees, including the University Statutory Annual Fee and the General Service Fee, but do not cover fees for residence. Fees are not paid for part-time students unless such fees exceed £10 in the first year of study under the Scholarship. If fees are more than £10 in the first year, fees in subsequent years will be paid although they may be less than £10. Provision is made for reimbursement of the fare in excess of £2/10/- for a single journey or £5 for a return journey at student concession rates, incurred by a student in travelling to or from his home each long vacation or at the commencement or conclusion of his course.

Scholars undertaking approved full-time courses on a full-time basis may apply for a living allowance, which is payable subject to a means test. The maximum living allowances are £221 per annum in the case of a scholar living with his parents and £338 per annum in the case of a scholar living away from his parents. These maximum allowances are payable when the adjusted family income of the student's parents does not exceed £675. The adjusted family income is ascertained by taking the full income of the scholar's parents for the financial year immediately preceding the year in which the living allowance is desired and deducting £150 for the first dependent child (other than the scholar) under 16 years of age and £75 for each other dependent child under 16 years of age.

The maximum allowances are reduced at the rate of 4/- for every £1 by which the adjusted family income exceeds £675, between £676 and £1,350, and by 6/- for every £1 above £1,350.

A scholar's own income is taken into consideration after assessing his living allowance on the adjusted family income. The living allowance assessed on the adjusted family income is reduced by the amount by which the scholar's income from all sources (including other awards but excluding income from employment during the long vacation) exceeds £2 a week.

Some concession may be made where the scholar has brothers or sisters undertaking full-time tertiary courses, and in special cases where the family income suffers a marked decline, such as on the death of the father, the living allowance may be assessed on the family current income instead of on the income of the previous financial year.

In the academic year following a scholar's 25th birthday, a

different method of assessing living allowance is used and the parents' incomes are not considered.

At present a student may hold both a bursary and a Commonwealth Scholarship if the parents' income is such that benefits of £10 or more may be received from the Commonwealth Scholarship.

Applications must be made on the prescribed form. The closing date is 30th November each year and applications must be lodged with the Education Department by that date. If awarded a scholarship, the student is required to sign a formal acceptance. Subject to satisfactory progress the scholarship will be continued for the duration of the course but an acceptance must be signed annually. Applications for living allowance must be lodged annually and should be in the hands of the Scholarships Branch by the 30th November each year. Further information will be provided on enquiry at the Scholarships Branch, Education Dept., Flinders St., Adelaide.

Students under bond cannot be awarded a Commonwealth Scholarship. Students who have resigned a bond and have satisfied the requirements of the bonding authority are eligible to apply.

A few Mature Age Scholarships are available to students between 25 and 30 years of age who have resided in Australia for at least two years and who fulfil certain other conditions.

Students or teachers requiring further information should enquire at the Scholarships Branch, Education Department.

Government Bursaries and Studentships, tenable at the University.

(Regulations of the Education Department in regard to Scholarships.)

Leaving and Honours Bursaries.

11. Bursaries as specified hereunder shall be offered annually for competition among children resident in South Australia or (in cases approved by the Director) in a reciprocating State whose parents have been domiciled or resident in Australia for the two school years next preceding the 31st day of December of the year in which such children compete, or, if they have not been so domiciled or resident, satisfy the Minister, by such evidence as he may require, that it is their intention to reside in South Australia during the term for which the bursary may be awarded.

(a) Forty-eight Leaving Bursaries to be awarded by the Minister in two divisions on the results of the Leaving Examination of the University of Adelaide, as follows:—

Division I—Eighteen such Bursaries shall be awarded to children who, for the two years next preceding the 31st day of December of the year in which they compete have been in attendance at a school in South Australia situated beyond a radius of ten miles from the General Post Office at Adelaide.

Division II—Thirty such Bursaries shall be awarded to children who are in attendance at a school situated within a radius of ten miles from the General Post Office at Adelaide or to children who have been educated wholly or partly elsewhere than at a South Australian school. Any candidate who has attended for the two school years next preceding the 31st day of December of the year

in which he competes, partly at a school in Division I and partly at a school in Division II, shall compete in Division II. Provided that if any of the 18 Bursaries awarded in Division I or of the 30 Bursaries awarded in Division II be not accepted by the student to whom it is awarded it may be awarded to a qualified student in either Division.

(b) Competitors must not be more than 17½ years of age on the 31st day of December of the year in which they compete.

(c) The relative value of the subjects shall be fixed from time to time by the Director: Provided that, in the competition for the Leaving Bursary six subjects shall be the maximum number for which a candidate may claim credit including Drawing and Music if all sections of each such subject have been taken within the year of application, but only two of the subjects, Arithmetic, Mathematics I and Mathematics II shall be counted.

(2) (a) Twelve Honours Bursaries to be awarded by the Minister on the results of the Leaving Honours Examination of the University of Adelaide. Every candidate who has passed in at least four subjects of the Examination shall be eligible for the award of an Honours Bursary. The result shall be determined by adding together the marks obtained by the candidate in not more than five subjects in the said examination. Pure Mathematics counts as two subjects. The relative values of the subjects of the said Leaving Honours Examination shall be fixed from time to time by the Director.

(b) Honours Bursaries shall be awarded only to those deemed by the Minister to be of sufficient merit.

(c) Candidates must be under 19 years of age on the 31st day of December of the year in which they compete and must not previously have attended any part of the undergraduate course of the University of Adelaide in those subjects in which they are competing for an Honours Bursary.

(d) To perpetuate the memory of the late Hon. Archibald Henry Peake, former Premier and Minister of Education of the State, the first of the said Honours Bursaries awarded in each year shall be known as the "Archibald Henry Peake Bursary."

12. No beneficiary under any other Education Scheme shall be eligible for award of a Bursary unless he foregoes such other assistance, nor shall any Bursary be awarded to any candidate for whose education at the University provision has been made out of public fund, unless otherwise approved by the Minister, but the Angas Engineering Exhibition may be held in conjunction with a Leaving Bursary and an Honours Bursary may be held in conjunction with the Hartley Studentship.

13. No candidate shall be awarded a Bursary unless he has completed the matriculation requirements for the Faculty in which he proposes to study.

14. The Bursaries shall be tenable at the University of Adelaide for any course for which the bursar is eligible, and shall consist of a maintenance allowance at the rate of £13/6/8 per term.

In addition, in respect of such period of time (if any) as it is necessary for a bursar to board away from home to attend the University of Adelaide, or if the Director is satisfied that such bursar

could not have the benefit of the Bursary without additional assistance, or if his parents or guardian reside outside the State for any period of time during the tenure of his Bursary, the rate of maintenance may be increased to an amount not exceeding £38/6/8 per term in respect of such period of time as that condition exists, or alternatively a travelling allowance at a rate not exceeding £5 per annum may be paid, but no bursar shall be paid both a maintenance allowance beyond £13/6/8 per term and a travelling allowance. Travelling allowance shall not be payable to a bursar living in the metropolitan area as defined in regulation 1 of this part. Bursaries shall also be tenable for any full-time diploma course of the School of Mines.

15. Honours Bursaries shall exempt the holders from all fees, other than fees for supplementary examinations, payable to the University of Adelaide in the courses for the degrees and from all fees payable to the School of Mines.

The Council of the University of Adelaide has agreed to remit in respect of Leaving bursars all fees other than fees for supplementary examinations payable to the University of Adelaide in respect of degree courses. The School of Mines Council has agreed to remit all fees payable for courses taken by Leaving bursars.

Bursars taking the Bachelor of Agricultural Science Course shall be exempt from all fees payable to the Roseworthy Agricultural College and holders of Bursaries in Medicine shall be exempt from all fees payable for hospital instruction and to the Queen's Home.

16. A bursar taking a course which provides for study partly at the University of Adelaide and partly at a University in another State shall be exempt from all fees payable to the University in the other State and shall be paid the full maintenance allowance during his attendance at that University.

17. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the University must enter the University of Adelaide as an undergraduate in such degree or diploma course or courses or degree and diploma courses as may from time to time be approved by the Honourable the Minister of Education. A candidate who enters as an undergraduate student in Science may take any one of the courses, including the special course in Agricultural Science given by the University in conjunction with the Roseworthy Agricultural College. Subject as hereinafter provided in the year following the examination each successful candidate whose bursary is tenable at the School of Mines as a student in such full-time diploma course or courses as may from time to time be approved by the Minister.

18. Except in the case of illness or other sufficient cause, each bursar must in order to retain the Bursary attend all lectures and pass all examinations required in the selected course. Notwithstanding anything herein contained in any case in which it is considered desirable by the Director, the candidate may postpone his entry to the University for one year, or in special circumstances for a longer

period not being later than the first term of the third University year immediately following the award as the Director determines.

In the case of a Leaving bursar not coming within the scope of paragraph 19 hereof, he may be granted an allowance at the rate of £10 per annum during his attendance at a Secondary School for the approved period of postponement, provided he is not the holder of an Intermediate Exhibition.

19. (1) A student awarded a Leaving Bursary pursuant to and in accordance with either Division I or Division II of paragraph 11 (a) hereof, whose permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense, may, with the approval of the Director, postpone his entry to the University for one year if he so desires, provided he remains for that year at a school approved by the Director, and undertakes to sit for the Leaving Honours examination at the end of that year.

(2) In such a case, provided he is not the holder of an Intermediate Exhibition, he may be paid an allowance at the rate of £30 per annum plus a boarding allowance at the rate of £75 per annum in respect of such period of time (if any) as his permanent home is so situated that in the opinion of the Director he could not, if residing at such home, attend the selected school without undue inconvenience or expense.

(3) If a student who has been paid the allowances referred to in paragraph (2) does not pass the Leaving Honours Examination, his Bursary shall lapse unless he produces a certificate from the Head Master of his school that he is fitted to enter upon a University Course, in which case he shall be permitted to retain the Bursary.

20. A student holding a Leaving Bursary whose entry to the University has been postponed will not be eligible to compete for an Honours Bursary while holding a Leaving Bursary, but his name will be included in order of merit in the Leaving Honours list.

21. If the Director is satisfied that the holder of the Bursary is not making satisfactory progress or that his attendance or conduct at the University or School of Mines is unsatisfactory, payment of the monetary allowance involved may be reduced or withheld at the discretion of the Director, or he may recommend to the Minister that the Bursary be terminated.

22. Application from intending competitors must be received in the Education Office on or before the 31st day of October of the year in which they compete, and must be on the official form.

23. In the event of a Bursary lapsing or being forfeited, the money may be used within twelve months of such lapse or forfeiture, either in providing an additional Leaving Bursary or Honours Bursary, as the case may be, or as the Minister directs.

For awards, see the Manual of the Public Examinations Board.

Evening Studentships.

24. Four studentships shall be offered annually for competition by persons attending or proposing to attend evening lectures at the University or the School of Mines with a view to graduating or securing a diploma. These studentships shall be awarded to candidates whose occupations or circumstances prevent them attending the day lectures.

25. The value of a studentship shall be the fee for attendance at lectures in the subject or subjects taken by the student up to a maximum of £21 in any one year; and in the case of a student taking a science-type course, additional fees for practical or laboratory work up to a maximum of £15 in any one year.

The studentship shall not pay the matriculation fee, the Statutory Annual Fee, the General Service Fee, nor shall it pay tuition fees beyond the value of the studentship. The student shall be responsible for these and for books and equipment.

26. Studentships may be offered for any degree or diploma course at the University of Adelaide or the School of Mines for which lectures may be attended after 5 p.m. from Monday to Friday or on Saturday mornings.

27. There shall be no restriction as to the age of candidates except that a candidate must be of the minimum age stipulated by the institution for the required course of study.

28. Applicants must have satisfied the requirements for matriculation in the Faculty or entrance upon the diploma course in which the applicant desires to enrol.

29. No candidate who holds any other Scholarships, Bursary, Cadetship or other financial award for studies at the institution shall be eligible for an Evening Studentship.

30. Each award shall be renewable on annual application up to a total of not more than five years. Renewal shall be dependant upon satisfactory progress.

The Minister, on the recommendation of the Director, may withdraw or refuse to renew any studentship if it is considered that the student is not making satisfactory progress.

Fees for any subject shall be paid once only.

No holder of an Evening Studentship who has had it withdrawn for any reason shall be eligible for the award of an Evening Studentship at a later date.

31. Payment of lecture fees within the limits stated in paragraph 25 shall be made direct to the institution on demand. The Minister may cancel the studentship awarded to any student who has, without reasonable excuse, failed to attend such lectures diligently, and regularly and the training institution shall be asked to refund the unused proportion of the fees paid.

32. Candidates for Evening Studentships must apply to the Director of Education in writing on or before 1st February of the year in which the applicant desires to hold the studentship. Each candidate shall state:—

1. His age, whether at work during the day, how employed, and what salary or wages he receives.

2. His qualifications in point of knowledge, namely:—

- (a) Particulars of any public examinations he has passed.
- (b) If he already holds a studentship and is applying for continuation, what work he has done and what examinations he has passed while holding it.

33. Studentships which are withdrawn or are discontinued shall lapse and shall not be re-allotted during the year. The maximum of new awards in any year, irrespective of the number of continuations, withdrawals, or relinquishments, shall be four.

Commonwealth Postgraduate Awards.

The Commonwealth Government has agreed to provide each year a number of awards for postgraduate study and research at Australian universities. One hundred of these awards were made available for 1959, of which 80 were allocated for direct award by the Australian Universities. The remaining twenty were reserved for award on the advice of the Australian Vice-Chancellors' Committee to candidates not included in the quotas allocated to the individual universities. Adelaide's direct allocation was eight.

The value of an award in the University of Adelaide is normally £700 a year. The award is tenable for one year in the first instance, and may be renewed annually up to a maximum of four years' tenure.

All applicants must be graduates or students who expect to graduate shortly after application. The candidate must be domiciled in Australia; a good Honours degree is expected; and a graduate or graduating student of another Australian University may apply.

The holder of an award will normally pursue a course of advanced study and research leading to a higher degree. It is not, however, obligatory to pursue such a course and an award may be made for postgraduate research which does not lead to a higher degree. The awards are open to graduates and students in all Faculties.

Applications, in writing, should be sent to the Registrar by the end of November of each year. Applicants should include full personal particulars, the names of two referees familiar with the University work of the candidate, a broad indication of the field of postgraduate research in which he wishes to work, and a statement of other awards which are held or are being applied for.

Awards for 1959.

Abele, Charles
Alksnis, Ivans J.
Chick, Malcolm
Darskus, Rolf L.
Dawson, Anthony J.
Hawker, John S.
Jackson, John F.

Katekar, Gerard F.
McGowran, Brian
O'Grady, Helen P.
Patterson, John H.
Reeves, Leopold H.
Reinfelds, Juris
Sterne, John M.

GENERAL INFORMATION.

The Rhodes Scholarship.

GENERAL REGULATIONS.

A Rhodes Scholarship is tenable at the University of Oxford and may be held for three years. Since, however, the majority of Rhodes

Scholars obtain standing which makes it possible for them to take a degree in two years, appointments are made for two years in the first instance. During the course of his second year every Rhodes Scholar will be invited to state whether he wishes to apply for a third year at Oxford, and, if so, what work he proposes to undertake. The Rhodes Trustees will not consider granting a third year unless (1) it can be shown that a third year is eminently in the interests of (a) the scholar's immediate studies and (b) his future career, or unless (2) his work, conduct and general record have been satisfactory.

The value of a Rhodes Scholarship is £750 (sterling) a year. This stipend should be sufficient to enable a Scholar, with care, to meet his necessary expenses for term time and vacations, but those who can afford to supplement it to a modest extent from their own resources are advised to do so.

As from October, 1959, a Scholar *in his third year* may be permitted to marry without being deprived of his stipend. The regulations governing permission to marry will require evidence to be shown that the joint income of husband and wife is likely to be sufficient to keep them in adequate comfort, and that suitable accommodation has been found.

The cost of the voyage to and from England must be borne by the Scholar.

METHOD OF APPLICATION.

Each candidate for a scholarship is required to make application to the Secretary of the Committee of Selection of the State in which he wishes to compete, using the prescribed application form, and furnishing the material therein specified. The closing date is September 1 each year.

Detailed information and forms of application may be obtained from the Secretary to the Rhodes Scholarship Selection Committee for South Australia, The University, Adelaide.

Awards.

For previous awards, see Calendars from 1913.

1954	Porter, Robert	1957	Evans, David Wyke
1955	Wilson, Ian Bonython C.	1958	Casley-Smith, John R., B.Sc.
1956	Pocock, Edward Robert	1959	Terrell, Richard D.

ROYAL COMMISSIONERS FOR THE EXHIBITION OF 1851.

Scholarship Awards.

1892	Allen, J. B., B.Sc.	1933	Bosworth, R. C. L., M.Sc.
1902	Cooke, William T., B.Sc.	1934	Ballard, L. A. T., M.Ag.Sc.
1905	Kleeman, Richard D., B.Sc.	1935	Price, James R., M.Sc.
1909	Glasson, Joseph L., B.Sc.	1947	Bowes, Donald R., B.Sc.
1912	Jauncey, G. E. M., B.Sc.	1950	Nossal, Peter M., M.Sc.
1920	Dawkins, Alfred E., B.Sc.	1952	Pettit, Rowland, M.Sc.
1925	Wood, Joseph G., B.Sc.	1956	Hall, Barbara I. H., B.Sc.
1927	Oliphant, M. L. E., B.Sc.		Hunt, Arnold L., B.Sc.

Bursary Awards.

1901	Cooke, William T., B.Sc.	1911	Jauncey, G. E. M., B.Sc.
1904	Kleeman, Richard D., B.Sc.	1913	Sanders, Harold W., B.A.

The Gowrie Scholarship Trust Fund.

The Gowrie Scholarship Trust Fund offers annually two kinds of scholarships for University students: (a) four scholarships, each of the value of £100 a year, tenable at an Australian University for the normal length of the course being undertaken (with a possible extension, in special circumstances, for a further period not exceeding one year); (b) two postgraduate travelling research scholarships, each of the value of £A500 a year, tenable for two years at a University or other approved institution abroad.

A candidate for either scholarship must be or have been a member of one of the Forces with service in the war which began in September 1939, or be the child or other lineal descendant of such member, as defined in the Trust Deed. Further particulars may be had on application at the Registrar's Office.

Services Canteen Trust Fund Post-graduate Scholarship.

The Trustees of the Services Canteens Trust Fund offer each year a postgraduate Scholarship for competition amongst graduates who are the children of men or women who served in the Australian forces during the 1939-45 War. The Scholarship is valued at £A1,000 a year and is tenable abroad for a period up to three years.

In awarding the Scholarship the Trustees will take into account: (i) academic career; (ii) ability for research work; (iii) character; and (iv) the future value to Australia of the subject of research or study.

Further particulars may be had on application at the Registrar's office.

The William Culross Prize for Scientific Research.

RULES.

Whereas the late Mrs. Gertrude Culross has bequeathed to the University the sum of £250 for the purpose of providing an annual prize for scientific research, the following rules are hereby made:

1. The prize shall be called "The William Culross Prize for Scientific Research."

2. The value of the prize shall be £8 or an amount equal to the annual income from the bequest, whichever is the less, and shall be paid to the prizewinner in one sum.

3. The prize shall be awarded annually to the student who, being enrolled as a full-time student proceeding to a higher degree in science or engineering, shall have most greatly distinguished himself in scientific research in that year in the prescribed Group of sciences. The award shall be made by the Council on the recommendation of the General Research Committee.

4. For the purposes of Rule 3, the following Groups have been prescribed:

Group I—The biological sciences.

Group II—The physical sciences.

Group III—The sciences studied in the Departments of the Waite Agricultural Research Institute.

5. The prize shall be offered for competition for the first time in the year 1953 and shall be awarded for work done during that year in one of the sciences in Group I; thereafter it shall be awarded annually for work in each Group in rotation: provided that, if in the opinion of the General Research Committee there is in any year no candidate of sufficient merit in the Group appropriate to that year, the prize may be awarded to a candidate from either of the other two groups; but such award shall not affect the strict order of annual rotation of the three Groups.

6. If in any year no candidate is considered by the General Research Committee to be of sufficient merit the prize shall not be awarded for that year but the Council may, in the next or in any subsequent year, award two prizes if there be two candidates (not necessarily both in the same Group) who are recommended by the General Research Committee as being of sufficient merit.

Awards.

- 1953 Hunt, Arnold L., B.Sc.
 1954 McCarthy, Ian E., B.Sc.
 1955 Martin, Peter Gordon, B.Sc.

Prox. acc.:

- | | |
|---|---------|
| Davidson, James Logie, B.Ag.Sc. | } equal |
| Panabokke, Christopher Rajendra, B.Sc. (Ceylon) | |
| 1956 Monro, John Malcolm, B.Sc. | } equal |
| 1957 Coates, John Hewlett, B.Sc. (Nott.), Ph.D. | |
| Thompson, Malcolm James, Ph.D. | |
| 1958 Buttrose, Mark S., B.Ag.Sc. | |

Mining and Metallurgical Bursaries and Scholarships.

The principal Australian base-metal mining companies have created a trust for the award of bursaries on the following terms:—

Students who are British subjects and have completed or received credit for the first year of the course for the degree of Bachelor of Engineering in the Department of Mining or of Metallurgy may apply before 31st December for a bursary, submitting evidence of personality and scholarship. Students taking Geology as a major subject in the course for the degree of Bachelor of Science may apply for a bursary in Mining.

Each bursary will be worth £30 per annum for the remaining years of the course, the payment for any later year being contingent on the bursar's having sufficiently distinguished himself in the preceding year.

Bursars desiring renewal of their bursaries must apply in writing for such renewal by December 31.

An award will be made only if there is a candidate of sufficient merit.

Scholarships at Other Australian Universities for which Adelaide Students or Graduates May Compete.

There are, in the University of Melbourne, a number of awards for which students or graduates of other Universities are eligible to compete.

They are:

- The Argus Research Scholarship in Engineering.
- The Grimwade Prize in Industrial Chemistry.
- The Harbison-Higinbotham Research Scholarship.
- The John Melvin Memorial Scholarship.
- The Ernest Scott Prize.
- The Stawell Scholarship.
- The David Syme Research Prize.
- The Arthur Sims Travelling Scholarship.

The regulations governing the above awards either specifically include members of other Universities in the field of eligibility, or clearly contemplate such inclusion. There are, however, a number of others which do not exclude competition by members of other Universities, and for which applications from such persons would be considered. Scholarships in this class are in the main awarded to enable the scholar to undertake research work in the University of Melbourne. They include:

- The R. J. Fletcher Research Fund.
- The J. M. Higgins Research Foundation.
- The Kilmany Scholarship.
- The John Nevill Scholarship.
- The H. W. C. Simpson Research Scholarship.
- The Vacuum Oil Company Scholarship.

Similarly, in the University of Queensland, students or graduates of other Universities are eligible to apply for the Walter and Eliza Hall Scholarship in Economic Biology.

Particulars of the above scholarships and awards may be found in the Calendars of those Universities; the Calendars may be consulted in the Registrar's office.

Colonial Office Appointments.

Arrangements have been made with the Australian Universities to facilitate the appointment of graduates or others in the Colonial Service. These appointments are made by the Private Secretary (Appointments), Colonial Office, London, under the Secretary of State. The Central Committee of the Australian Universities may forward recommendations.

The services of main interest are the Administrative Services of East and West Africa; Medical Services; appointments in Agricultural departments, Education and Police; Survey, Geological, and Financial departments.

The countries administered by the Colonial Services include the East and West African Colonies and Protectorates, Hongkong, Malaya, Fiji and the West Pacific, Mauritius, the West Indies, etc., mainly within the tropics.

Apart from academic and technical attainments, the greatest importance is attached to character and personality. The qualifications necessary for recommendation may be considered as similar to those of an applicant for the Rhodes Scholarship in this State.

Further particulars may be obtained from Professor E. C. R. Spooner, The University, Adelaide.

Concession in Fees to Officers in Commonwealth Public Service.

Not more than four persons in each year being in the employment of the Government of the Commonwealth of Australia and being nominated by the Public Service Board of Commissioners may be admitted by the Council to the course for any degree (except the degrees of M.B. and B.S., B.D.S. and Mus.Bac.) or diploma (except the diploma in Music) recommended by the said Board upon paying one-half of the prescribed fees for lectures or examinations, provided that they shall otherwise comply with the regulations. Provided always that not more than twelve such persons shall enjoy the concession in any one year.

Concession in Fees to Officers in State Public Service.

The Public Service Classification and Efficiency Board of South Australia may nominate in each year not more than eight persons in the employment of the State Government of South Australia for admission to the course for any degree (except the degrees of M.B., B.S., B.D.S., and Mus.Bac.) or diploma (except the diploma of Music) upon payment of one-half the fees prescribed for lectures and examinations, provided that such students otherwise comply with the regulations. Preference shall be given, in making nominations, to students who have qualified for matriculation; and not more than twenty-four persons shall enjoy the concession in any one year.

British Passenger Lines' Free Passage Scheme for University Graduates.

The Australian and New Zealand Passenger Conference provides each year for 25 first class return passages to the United Kingdom in accordance with the following conditions:

1. Passages will be available by vessels leaving Australia between July 1 and December 31, and from the United Kingdom by vessels leaving between March 1 and June 30, in any year.

2. Passages will be awarded only to graduates who show that they will have sufficient funds to enable them to devote their whole time abroad to study and research, and who give an undertaking to do so.

3. Except in leisure hours and in University vacations, paid employment must not be undertaken unless the employment is in itself necessary to the study or research proposed by the passage holder.

4. Passage holders will be expected to spend at least two years abroad.

5. Except in special circumstances passages shall not be tenable by married persons.

6. Graduates to whom passages are awarded must sign an undertaking that they will, on completion of their courses, return to Australia. Exemption from this regulation may, in special circumstances, be granted by the Conference.

7. In the case of engineering students, it is recognised that some of the time will necessarily be spent in shops and yards of engineering firms, but the Associated Lines have expressed a wish that where

possible such students should supplement their practical work by attending a University.

8. Preference in the selection of candidates will be given to graduates who, although possessing sufficient means to live in Europe, could not afford to pay for their sea passages both ways.

9. Applications should be made in writing to the Registrar not later than a date—usually in April—fixed each year. Each should include the candidate's name, address, qualifications, proposed course of study, and date on which he desires to leave Australia. Such application will be forwarded by the Registrar to the Australian Vice-Chancellors' Committee for submission to the Secretary of the Australian and New Zealand Passenger Conference.

Rhodes Scholars are eligible for consideration in connection with these awards.

Students' Loan Fund.

On the suggestion of Dr. Leon Jona, who contributed £100, the Council has established a loan fund for the benefit of students in temporary financial difficulty. The fund is administered by a Board consisting of the Vice-Chancellor, the Chairman of the Finance Committee, and the Registrar. Applications should be made through a professor and the Warden of the University Union.

The Registrar furnishes a report annually to the Council in November, and the report does not include the name of any applicant.

Soldiers' Children Education Board.

In the case of the child of a deceased or permanently incapacitated soldier whose education has been supervised by the Soldiers' Children Education Board or any other body approved by the Council and who has qualified for admission to the University, the Council at its discretion may remit all or any of the fees payable to the University.

The University Research Grant.

The University Research Grant serves two purposes: to enable suitable young graduates to be trained in the principles and methods of original research and to promote research in the physical, biological and social sciences. The Grant therefore provides for the support of both trainee and qualified research workers and for the purchase of equipment and maintenance materials and for other expenses associated with the prosecution of approved research projects.

The grades and minimum qualifications of research workers for whom living allowances may be provided from the Grant are as follows:

1. *Junior Research Scholar*: A good Ordinary degree. Very few awards are made in this category; those that are made are intended to enable a Scholar to proceed to an Honours degree.
2. *Research Scholar*: A student whose minimum qualification is an Honours degree, or the equivalent, and who is studying for a Master's or a Ph.D. degree.

3. *Postdoctoral Research Fellow*: A student newly qualified to receive the degree of Ph.D., who—

- (i) is of exceptional quality;
- (ii) wishes to stay in the University for a period not normally exceeding two years; and
- (iii) is capable of conducting independent research and of assisting in the training of postgraduate students in a field of research of interest to his department.

Detailed particulars, including the living allowances payable in each grade, may be obtained from the Registrar. A potential candidate should consult the Head of his department (normally not later than September in any year) about the likelihood of his being recommended for an award.

SOCIETIES ASSOCIATED WITH THE UNIVERSITY.

Note: Enquiries as to the office-bearers of all student societies should be made of the Secretary of the University Union (Mr. H. Swales Smith).

The Graduates' Union of the University of Adelaide.

(Amalgamated with the Adelaide University Union.)

A Graduates' Association was founded in 1920 for the general purpose of promoting the spirit of corporate unity among the members of the University. The Association is now a constituent member of the Adelaide University Union, and is called the Graduates' Union. In 1953 it furnished and equipped a Graduate Centre in the old Anatomy Building, where light refreshments are available; members have in addition the right to use the Union Buildings, including the refectory and cafeteria, and possess other privileges. The objects of the Graduates' Union, as set forth in its constitution, are the following:—

- (a) to use its influence with the public and with the Government to procure such increase of the financial and other resources of the University as may be necessary for its fullest and most efficient development;
- (b) to secure publicity for the needs and the achievements of the University, and to promote recognition by the State of the services of the University;
- (c) to suggest new and desirable fields of University activity;
- (d) to act in aid of the Council of the University in matters affecting the physical, moral, and social welfare of undergraduates;
- (e) to use its influence to promote the social and cultural aspects of University life among the faculties, graduates and undergraduates, and to promote such other advances and reforms as may appear advisable in their interests;
- (f) to advocate such measures as may appear advisable to provide residential accommodation for undergraduates;
- (g) to assist graduates to obtain useful and profitable employment to the end that the services of the University may find their full expression in the practical life of the community;

- (h) generally to do all things incidental to, or which may have the effect of furthering, the above objects.

Membership is open to all graduates of the University or of any University recognised by the University and to all holders of a diploma or of a final certificate of the University upon payment of the annual subscription of one guinea. Subscriptions should be paid to the Secretary of the Adelaide University Union (Mr. H. Swales Smith, Union Office, The University).

The Graduates' Union Committee is elected annually to control affairs relating especially to graduate members of the Union.

Meetings of graduate members are held from time to time. The Graduates' Union publishes a Gazette once each term to keep its members informed on University affairs.

Adelaide University Union.

The Union is the social and cultural centre for those University activities not specifically included in the academic syllabus. It endeavours to provide a common meeting ground for all members of the University, that is to say:—(a) Members of the Senate; (b) The Staff of the University; (c) Graduates; (d) Undergraduates.

The objects of the Union are:—

1. to promote the intellectual culture of its members;
2. to represent its members on matters affecting their interests, and to afford a recognised means of communication between its members and the University authorities;
3. generally to secure the co-operation of University men and women in furthering the interests of the University.

The affairs of the Union are conducted by the Union Council and various committees set up by this Council, notably the Union House Committee and the Union Finance Committee.

The membership of the Union Council comprises:

- (a) Two members nominated by the University Council;
- (b) The Registrar of the University;
- (c) Two members nominated by the Staff Association;
- (d) The Warden of the Union;
- (e) Representatives of each major constituent body of the Union.

The Union Secretary and the Union Treasurer are appointed by the Union Council and are both *ex officio* members of it.

The major constituent bodies mentioned above are:—(i) The Graduates' Union; (ii) The Students' Representative Council; (iii) The Sports Association.

Each constituent body of the Union directs a considerable number of activities and may administer any number of subsidiary associations, e.g., societies, sports clubs, etc.

Lunch, morning and afternoon tea, and dinner can be obtained at the Refectory by members of the Union. The George Murray Common Room remains open until 10 p.m., and supper is served from 8 p.m.

In 1926 the Hon. Sir Josiah Symon, K.C.M.G., K.C., gave £9,500 to provide the Lady Symon Building for the Women's Union, which is part of the general University Union. His objects were to secure a common meeting ground and a social as well as an academic centre for women members of the University; to encourage the intellectual development of its members by discussions and debates, and otherwise to provide community and exchange of thought and foster the growth of a corporate spirit among University women; and to mark his own happy personal association with the early work of the University as a member of its Council and its active Committees for eight years.

In 1936 the Hon. Sir George Murray, K.C.M.G., Chancellor of the University, gave £10,000 for a building for the Men's Union. The building provides accommodation for undergraduate activities, offices for the Secretary and the Students' Representative Council, and a room specially assigned to graduates.

The funds for the Refectory building were given by members of the University Council and staff, and by leading citizens. The cloisters which connect the Refectory to the Lady Symon and George Murray Buildings are a war memorial to those who served in the Great War (1914-18).

The Union initiated and sponsors the University Health Service which was the first of its kind in Australia. Because of its rapid development and growth the service is now housed in the University Buildings.

The Adelaide University Women's Union.

Founded July, 1909.

The object of the Union is to promote the common interests of, and to form a bond of union between, past and present women students, and several reunions are held during the year.

The women students now belong to the University Union, but have their own committee of management, known as the Women's Union Committee, to deal with matters relating exclusively to women members of the Union. Payment of the statutory annual fee entitles any woman student to membership of the Union and to the use of the Lady Symon Building.

Adelaide University Students' Representative Council.

The Students' Representative Council is elected by students in August of each year. It is the co-ordinating body for all student activities and is a constituent member of the Adelaide University Union. Its main object is to foster a fuller and more vigorous student life, and it acts as a liaison body between student societies and organizations and the University Union and University authorities.

It publishes the student paper "On Dit", the Union Diary and an annual University magazine. It also organises the annual Commencement and Recuperation Balls and the Orientation Week activities.

The Students' Representative Council is a constituent of the National Union of Australian University Students which comprises the students of all Australian Universities with a membership of some 27,000. The National Union represents students in discussions with Commonwealth Government authorities and the Australian Vice-Chancellors' Committee. Among its annual activities are a National Student Congress, a National Drama Festival, Intervarsity Debates and a National Art Exhibition.

The Students' Representative Council Office is situated at the eastern entrance of the Cloisters.

Adelaide University Sports Association.

The Sports Association was formed in 1897, and now includes, as amalgamated clubs, lacrosse, boat, pennant tennis, table tennis, athletics, football, cricket, rifle, baseball, golf, hockey, boxing and wrestling, rugby, soccer, men's basketball, badminton, women's tennis, women's hockey, women's athletics, women's swimming, women's cricket, and women's basketball and softball clubs, and, as an affiliated club, the non-pennant tennis club.

Its objects include the furtherance of the interests of amateur sport and of University life in general, the care and management of the University Oval and other playing fields, and the control of the constituent clubs. The inter-University sports and the award of Blues are its special province.

The management of the Association is vested in a General Committee, consisting of a President, Deputy-President, Honorary Treasurer, Honorary Assistant Secretary, two representatives appointed by the Council of the University, one representative appointed by the Graduates' Association, four representatives of the Colleges (one appointed by each of St. Mark's, St. Ann's, Aquinas and Lincoln Colleges), a representative appointed by the University Union, a representative of the life members of the Association, the honorary secretary of each amalgamated club, and the Registrar or some permanent official of the University appointed by the Council. There is also a permanent Secretary, who attends at his office at the Union Building from 9 a.m. to 5 p.m. daily, Saturdays excepted.

Membership is open to graduates of the University of Adelaide, or of any other recognised University, and undergraduates of the University of Adelaide, or any person who has taken, or is attending lectures for the purpose of taking a diploma or certificate of the University of Adelaide.

Membership of the Association entitles the member to take full part in the activities of any or all of the Association's constituent clubs, including the use of the oval, the boats and boathouse, and the material used in the various games. The Association thus provides ample facilities for participating in an important aspect of student life.

University Sports Ground.

For many years the Adelaide City Corporation has leased a recreation ground of 10 acres of park lands to the University, in 1946 it leased an additional 9 acres, and in 1954 a further $2\frac{1}{2}$ acres of such land to meet the needs of the greatly increased numbers of University students wishing to take part in the activities of the University Sports Association. All grounds so leased are in constant use by the various clubs of the Association.

A boathouse and a pavilion were erected in 1910. Mr. Barr Smith gave £750 for the erection of the boathouse, and 12 donors (R. Barr Smith, T. E. Barr Smith, F. J. Fisher, Chas. Goode, John Gordon, R. T. Melrose, C. H. Angas, A. J. Murray, Sir George Murray, S. S. Ralli, T. Scarfe, Sir Ernest Shackleton, C.V.O., and the Right Hon. Sir Samuel Way, Bart.) gave £100 each towards the erection of the pavilion. Many members of the University and other friends also subscribed to the fund for general purposes.

A footbridge across the River Torrens, provided in 1937 by the Misses Lily and Eva Waite, gives direct access from the Union buildings to the recreation grounds.

The Sports Association also controls, with the Director of the Waite Agricultural Research Institute, a recreation reserve of fifteen acres at Waite Park, Glen Osmond. An oval and hockey field have been established on this ground, and a dressing-shed erected.

The Australian Student Christian Movement in The University of Adelaide.

Founded 1890. Reorganised 1896.

The Student Christian Movement is a member body of the World Student Christian Federation.

The aims of the Movement are to confront students with Jesus Christ and His Gospel and to lead them to commit themselves to Him and His way of life; and further, to help them to grow in His likeness and in the understanding of the Christian faith, as well as to unite them in the fellowship of the Church and in the devotion of their whole lives to the service of the Kingdom of God.

The movement welcomes into its Fellowship of worship, study and service, all students, teachers and others who seek God and the truth by which to live.

The Movement arranges periodical conferences, addresses and discussion groups on matters pertaining to the Christian faith as well as social functions and regular morning devotions.

The Australian Student Christian Movement holds an Annual National Summer Conference, which is attended by students from all the Australian Universities and Teachers' Colleges.

Adelaide University Anglican Society.

The objects of the Society are to promote fellowship amongst Anglican students in the University and to provide opportunities for corporate worship, study and discussion; and to co-operate with the Student Christian Movement. The Society endeavours to provide pastoral care for Anglican students and corporate worship

is the basis of its life. Mattins and Evensong are said daily and Holy Communion celebrated at least three times each term. Other services are held at suitable times.

Lunch-time and evening meetings are held for the discussion of religious and allied topics, and prominent visiting and local speakers are obtained to give addresses on these occasions. Tutorials on the Bible and the Church's faith are held throughout the year; also a week-end conference in first term and a quiet day in third term.

The Society's programme includes a Freshers' welcome, an Annual Ball, picnics and other opportunities for members to meet together socially.

All Anglican graduates and undergraduates are invited to share in the Society's activities and to set forward their Church's work and witness in the University.

Adelaide University Aquinas Society.

The aims of the Society are twofold:

- (1) to care for the spiritual and social needs of Roman Catholic graduates and undergraduates;
- (2) to present the Roman Catholic viewpoint within the University on moral, philosophical, and social problems.

Mass is offered each first Friday in the Union Buildings at 5 p.m. and the Rosary is said in the Society's room each day at lunch time and 5 p.m. An Inaugural Mass is celebrated during orientation week, a retreat is conducted towards the end of the second term, and during the year the members assemble for the Annual Communion and on University Sunday and Monastery Sunday for religious exercises.

In addition the Society provides for other occasions when Roman Catholic graduates and undergraduates may gather together and enjoy themselves socially. Such occasions are the summer camp at Christies Beach to which Freshers are especially invited, the Freshers' Welcome, Annual Ball, informal dances and hikes.

To further the second aim of the Society, discussion groups of undergraduates come together each week to learn the teachings of their Faith and its meaning in relation to themselves, their fellow students and the community in which they live. Furthermore, the Society sponsors prominent speakers to address the University at lunch-hour meetings on religious and social problems. General meetings of the Society are held occasionally through the year. There are separate committees for graduates and undergraduates.

All Roman Catholic undergraduates entering upon courses and those already attending the University are invited to take an active part in all these functions.

The Adelaide University Evangelical Union.

The Evangelical Union is a branch of the Inter-Varsity Fellowship, a world-wide association of students formed in 1919 as a development of the Inter-Collegiate Christian Union founded in Cambridge in 1877. Its objects are to uphold the Christian faith, to provide Christian fellowship, and to present the Christian gospel to Univer-

sity students. Members have a personal knowledge and faith in Jesus Christ as Saviour, Lord and God; and claim this knowledge and faith to be the only sure anchorage of life and thought in an uncertain world. They believe His Gospel to be clearly set out in the Bible, and turn to the Scripture for guidance in all matters of Christian faith and conduct.

Weekly Bible study circles, lunch-hour addresses, and daily prayer meetings are held throughout the academic year. The Union also arranges Missionary Teas during term and end-of-term house parties.

The Annual Conference of the Inter-Varsity Fellowship in Australia is held in one of the State capitals in January. All students are welcome at any of these activities. Further inquiries can be made at the Evangelical Union Room in the George Murray Building or from the President or the Secretary.

Lutheran Student Fellowship.

The objects of the Lutheran Student Fellowship are to gather together Lutheran graduates and undergraduates of the University, to foster in them an interest in, and a responsibility towards, their Church, and to give them an opportunity to discuss in the light of the Lutheran Faith, the problems common to University students.

Throughout the academic year, regular morning devotions, weekly study circles, fortnightly evening meetings, student services, and occasional week-end conferences are held.

A special meeting for the welcome of Lutheran students entering University courses, is held in the first week of every academic year.

Adelaide University Regiment.

The Regiment is an Infantry Battalion of the Australian Military Forces, and is allied with the Royal Ulster Rifles of the British Army.

The training programme is the same as that of other Citizen Military Forces infantry units, but is so arranged that there is a minimum of interference with University studies and activities.

All undergraduates, non-graduating students and members of the School of Mines and of the Adelaide Teachers' College are eligible to enlist in the Regiment. National Service Trainees who are undergoing courses at the University, Teachers' College or School of Mines, are normally drafted to the Unit on completion of their initial period of full-time Army training.

Training during the year consists of at least seven days' home training (two week-end bivouacs, two one-day parades and two night parades) plus fourteen days of camp training which is held every January. In addition, voluntary training is held most Wednesday nights, and during vacations many courses are conducted. Members of the Regiment are also able to attend interstate Army Schools in Victoria, New South Wales and Queensland.

The Commanding Officer is Major J. A. Pollok, M.C., and the Adjutant Capt. S. Bartle.

Adelaide University Squadron.

The Squadron is a Citizen Air Force Squadron in the Royal Australian Air Force and has been operating for eight years. Since the inception of the Squadron, over one hundred Cadets have graduated. On graduation, members are eligible for appointment in the Permanent Air Force, Citizen Air Force Squadron, or General Reserve.

The Squadron establishment is as follows:

Flight	No. of Members	Faculty
"A" Flight (Medical)	15	Medicine, Dentistry
"B" Flight (Equipment, Accounting)	10	Economics, Science, Pharmacy
"C" Flight (Administrative, Education and Intelligence)	10	Arts, Economics, Education, Law
"D" Flight (Technical)	25	Science, Engineering
"E" Flight (Radio)	15	Science, Engineering

The Cadets are enlisted for two years with the Squadron, during which they must carry out 28 days' home training and 28 days' continuous training. At the completion of training, final examinations are held and subject to passing these examinations and reaching certain other standards, the Cadets are commissioned and placed on the General Reserve for a period of five years.

Home training parades are held on Tuesday nights during the academic year with the exception of a period of approximately six weeks before the University examinations, when the parades are voluntary. Two fourteen-day continuous training camps are held during the two-year period. The junior course carry out general service training at a R.A.A.F. Unit in the eastern States, and the senior course at a R.A.A.F. operational base, such as Darwin.

The Headquarters of the Squadron is R.A.A.F., North Adelaide, 155 Barton Terrace, North Adelaide. The Commanding Officer is Squadron Leader K. C. Andrews.

Adelaide University Arts Association.

The Arts Association is the co-ordinating body for the activities of the various organizations within the Faculty of Arts, such as the French, German, Poetry, and Philosophy Clubs. The Association aims to promote the welfare and cultural interests of Arts students and others, by sponsoring combined evenings in which the affiliated clubs participate, and by inviting distinguished speakers to the University.

Full membership is open to all Arts students; other students are eligible for associate membership.

The Annual General Meeting is held in the third term.

Dental Students' Society of the University of Adelaide.

This Society was founded by students in 1919.

Objects of the Society:—

- (a) to establish and maintain the students' interest in their own profession, with a view to securing their future success as practitioners;
- (b) to promote and conserve the rights of *bona-fide* dental students;
- (c) to preserve the principles of dental ethics;
- (d) to develop, by interchange of ideas, habits of close observation and investigation;
- (e) to cultivate the pleasure derived from personal contact with fellow-students.

General meetings of the Society are held once a month.

Undergraduates of the University studying for the B.D.S. degree are eligible for membership.

Adelaide University Law Students' Society.

The objects of the Society are:—

- (a) to discuss or debate or otherwise deal with any topic of interest to law students;
- (b) to conserve or advance the interests of law students in matters touching their University life or professional career;
- (c) to advance the interests of law students in sport.

The persons eligible to become members of the Society are:—

- (a) any male undergraduate in law or student at law at the University of Adelaide;
- (b) any male person who has been admitted to the degree of Bachelor of Laws or has obtained the Final Certificate in Law at the University of Adelaide;
- (c) any male practitioner of the Supreme Court of South Australia.

The annual general meeting is held shortly after the beginning of lectures; all new law students and intending members are cordially invited to be present.

Ordinary meetings are held on a number of occasions, and precede debates on hypothetical cases argued formally as in courts of law. The debates are set by members of the profession, who preside at the debates and discuss the questions of law involved.

The Adelaide Medical Students' Society.

This Society was founded in 1889. Its chief objects are to further the interests of medical work among students and to promote social intercourse among its members. Six general meetings are held a year, from March to September inclusive, at which papers written by

students and graduates are read and discussed, and five clinical meetings at which medical and surgical cases are presented. Various periodicals of interest are taken by the Society, which also publishes its own "Review."

The medical students' ball and dinner are held annually under the auspices of the Society, which also arranges certain sporting fixtures.

All students of medicine of the Adelaide University are eligible for membership, the annual subscription being ten shillings. The officers are elected at the first meeting of the year.

Adelaide University Pharmaceutical Students' Association.

This Association was founded in November, 1923.

Objects:—

- (1) to promote good-fellowship amongst its members;
- (2) to foster interest in pharmaceutical science;
- (3) to provide for lectures, papers, demonstrations, and discussions in any branch of pharmaceutical science.

Membership is open to all students of pharmacy taking lectures or examinations at the University. Meetings are held monthly.

Officers are elected at the first meeting of the year.

Adelaide University Science Association.

The Association was formed in 1891 for the purposes of bringing into closer contact students and others connected with the University who are interested in the various branches of Science, and promoting *esprit de corps* within the faculty and a wider interest in Science by means of periodical meetings.

Activities held throughout the academic year include talks, both in the lunch hour and evening, the annual dinner, the science ball, special orientation activities, excursions and other social functions.

Membership is open to graduate, undergraduate, and non-graduating students in the Faculty of Science, and all such students are invited to attend meetings and to join the Association.

Adelaide University Agricultural Science Association.

Graduates and undergraduates in the Faculty of Agricultural Science are entitled to full membership in this Association; Associate membership, entailing half fees and all privileges of full membership except the proposing of and voting on motions, is open to all other undergraduates of the University.

The objects of the Association are to encourage a broad interest in agriculture amongst the members, and to foster *esprit de corps* within the faculty.

Adelaide University Engineering Society.

The society was formed by Engineering students in 1919, and officially recognised by the University in 1920.

The main objects of the society are:

- (a) To promote the welfare and further the interests of the members of the faculty;
- (b) To establish a means of communication between the members of the society and the faculty;

- (c) To further the social life and intellectual culture of the members.

Membership of the society is open to all students in the faculties of Engineering, Technology and Architecture.

The Engineering Students' Ball and Dinner are held annually under the auspices of the society, which also promotes other cultural and social functions during the year.

Social Science Students' Association.

The aim of the Association is to encourage and foster interest in Social Science as a profession and friendship between the students of Social Science in the University.

The Association holds meetings and week-end conferences with guest speakers on topics of special interest to intending social workers, the students being encouraged to mix socially and to exchange ideas.

Anthropological Society of South Australia.

The Society was formed in June, 1926. Its object is the study of Anthropology with special reference to (1) knowledge of the aborigines of Australia and (2) their preservation.

The Society consists of ordinary members, honorary life members, life members and honorary corresponding members. All those interested in Anthropology are eligible; new members must be nominated by two members and are elected by ballot.

Meetings are held monthly, except in December and January, at the University.

President: Professor J. B. Cleland.

Hon. Secretary: Dr. A. D. Packer, Department of Anatomy, University of Adelaide.

The Classical Association of South Australia.

President: Professor J. A. FitzHerbert.

Hon. Secretary: A. French, M.A., The University.

The objects of the Association are:—

- (a) to impress upon public opinion the claim of Classical studies to an eminent place in the national scheme of education;
- (b) to improve the practice of Classical teaching by free discussion of its scope and methods;
- (c) to encourage investigation and to call attention to new discoveries;
- (d) to create opportunities for friendly intercourse and co-operation among all lovers of Classical learning in this country.

All graduates of any recognised University, and all who are interested in Classical studies, are eligible for membership.

The Economic Society of Australia and New Zealand (South Australian Branch).

The Society was founded as a result of a resolution of Section C of the Australasian Association for the Advancement of Science at its Adelaide meeting in 1924. The South Australian Branch was

founded at the University on 21st August, 1925.

Its chief object is the advancement of economic knowledge by

- (a) the publication of research work;
- (b) the discussion of economic problems.

The Central Council of the Society publishes a journal three times a year called *The Economic Record*.

The Society holds about six meetings a year, at which lectures are given, papers are read, or discussions on current economic topics are held. Questions are invited at the conclusion of all lectures, and discussion is encouraged on every occasion. The annual meeting is held in April.

The annual subscription is £3 for ordinary members and £2 for student members. Members receive a copy of each number of *The Economic Record*; members may also receive a copy of *The Australian Quarterly* or *The Economic Journal* on payment of an additional fee of 12s. for *The Australian Quarterly* and £1 6s. 6d. for *The Economic Journal*.

President: A. P. Bailey, M.Ec.

Hon. Secretary and Treasurer: Margaret E. Lawrence, B.A., The University.

The Medical Sciences Club of South Australia.

This society was founded in 1920 for the purpose of enabling those interested in the sciences fundamental to medicine to meet together from time to time for the purpose of discussing brief communications by members. Abstracts of the communications presented to the Club are duplicated and circulated to members and are forwarded by the Secretary to *The Medical Journal of Australia* for publication therein.

The Australian Journal of Experimental Biology and Medical Science was founded by the Club in 1924, but since its endowment in 1926 by Sir Joseph Verco, responsibility for the Journal has been accepted by the University.

Meetings are held at 8 p.m. on the first Friday of every month, March to December inclusive, except those which fall on a public holiday.

The members of the executive committee, consisting of the President, Vice-President, Secretary and Treasurer, and five Councillors, are elected by nomination and ballot at the first meeting of each year. The amount of the annual subscription is 10s. Members receive *The Australian Journal of Experimental Biology and Medical Science* if they desire it, on payment of an additional fee of £1 10s. The subscription to the Journal for non-members is £3 per annum.

New members must be proposed by two members in writing to the Secretary, and such nominations are announced by the Secretary at the next general meeting. The names of new members thus nominated are submitted by the Secretary, together with the notifications of the next succeeding meeting, at which the nominations are confirmed or rejected by ballot, a three-fourths majority of members voting being required to elect.

President: Professor H. N. Robson, M.B., Ch.B., F.R.C.P.

Vice-President: L. H. May, Ph.D.

Hon. Secretary: J. P. R. Riches, M.A., Ph.D. (Camb.).

Hon. Treasurer: G. N. Wilkinson, B.Sc.

The Australian Journal of Experimental Biology and Medical Science.

This Journal was founded in 1924 by the Medical Sciences Club for the purpose of publishing the results of original work in sciences ancillary to medicine. The pioneering work in connection with the establishment of the Journal was done mainly by the late Professor T. Brailsford Robertson, who was also its first editor.

The Journal was financed originally by a grant from the University and from the revenue of the Club, but as the scope of the Journal extended, further finance became desirable. In 1926 Sir Joseph Verco made a gift to the University ". . . to be applied to or towards the encouragement of research in the medical sciences and the promotion of education therein within the University by maintaining or supporting the publication of *The Australian Journal of Experimental Biology and Medical Science* or such other journal established or to be established for the same or similar purposes or for the publication of research work in the said sciences in such other manner as the Council may determine. . . ." The University then assumed responsibility for the Journal, the Medical Sciences Club maintaining a general interest in it.

The members of the Board of Management are all resident in Adelaide, and the Board is assisted in the selection of papers and in matters of policy by a panel of interstate workers in the field of Medical Science.

Contributions are received from research centres throughout Australia. The papers embody results of original research of an experimental nature in bacteriology, biochemistry, genetics, immunology, medicine and surgery, pathology, parasitology, pharmacology, and physiology.

The Journal is issued every two months and the subscription is £3 a year.

Editor-in-Chief: Professor Sir Mark L. Mitchell; Co-Editor, Professor G. M. Badger.

PUBLIC EXAMINATIONS IN THEORY AND PRACTICE OF MUSIC

REGULATIONS

1. Public Examinations in the theory and practice of Music shall be held in the city of Adelaide and at such local centres and other places as the Council may determine; these examinations shall be held at such times as the Council may direct.

2. Candidates shall be admitted to the examinations without restrictions as to age or sex.

3. The Faculty of Music, or some other body to be duly constituted shall, with the approval of the Council in each instance, make all necessary arrangements for the holding of the examinations, appoint examiners and determine their tenure of office and the duties to be performed by them, determine the scale of remuneration to be paid to the examiners, the fees and charges to be paid by candidates for the examinations, and settle other details incidental to the holding of the examinations.

4. Schedules defining as far as may be necessary the range of the examinations shall be published not later than the 31st day of January, in each year.

Allowed 8th August, 1906.

LICENTIATE IN MUSIC FOR TEACHERS AND EXECUTANTS

NOTE.—The Syllabus for these Examinations is published in a separate pamphlet for free distribution. Copies may be obtained on application to the Registrar.

PUBLIC EXAMINATIONS (MUSIC) SCHOLARSHIPS AND PRIZES REGULATIONS

SCHOLARSHIPS.

1. Two scholarships, tenable for three years, one in the theory and the other in the practice of music, shall be offered annually at the examinations of the Australian Music Examinations Board held in South Australia.

The scholarship in theory of music shall exempt the holder from payment during the tenure thereof of all fees for lectures and examinations in the course for the degree of Bachelor of Music.

The scholarship in practice of music, of the total value of £50, shall, subject to the conditions in these regulations, be paid in equal instalments at the beginning of each year of tenure. The scholar must devote the proceeds of the scholarship to his further education in the practice of music, and he may receive instruction from any teacher or in any institution approved by the Council. The first payment shall be made on the production of a certificate from a teacher of music or an institution previously approved by the Council, that the scholar has duly enrolled for instruction.

*2. Candidates who at either the May or September examinations obtain honours or credit in the Seventh Grade in theory, and have also passed an examination in practice of music of the standard of the Fifth Grade at least, shall be eligible to compete for the scholarship tenable in the course for the degree of Bachelor of Music, and candidates who obtain honours or credit in the Seventh or Sixth Grade in the practice of music, and have also passed an

examination in theory of music of the standard of the Fourth Grade at least, shall be eligible to compete for that awarded for the practice of music. The scholarships shall be awarded to the candidates showing the greatest musical promise at a special examination to be held in November or December each year. Candidates who are eligible must enter for the special examination on the prescribed form on or before 1st November, and sign an undertaking that they will accept the scholarship and conform to the conditions prescribed if elected. The fee for the special examination shall be 10s. 6d.

3. No candidate shall be eligible to compete for either of these scholarships who holds, or has held, a scholarship or prize tenable for three years for the same subject at the Elder Conservatorium, or who has passed the first year of the course either for the Diploma in Music or for the degree of Bachelor of Music.

No person shall hold more than one of these scholarships at the same time, and a scholarship shall not be awarded a second time to the same candidate for the same subject.

4. The limits of age for candidates shall be as follows:

For Singing, Organ, and Violoncello	-	-	24 years
For Pianoforte and Violin	-	-	21 years
For Theory of Music	-	-	25 years

on the thirty-first day of December in the year in which the examination is held.

5. In the event of only one candidate being eligible to compete for either scholarship, the Council may, on the recommendation of the examiners, dispense with the special examination.

6. Every holder of a scholarship tenable for the degree of Bachelor of Music, shall, each year, present himself for the appropriate examination, and every holder of a scholarship tenable for the practice of music shall, at the end of the first or second years of its tenure, present a satisfactory certificate of progress and regularity of attendance from his teacher. Furthermore, he shall, if required, give practical proof of such progress. Failure to pass any such examination or test, or to present such certificate, shall forthwith determine the tenure of the scholarship, unless the Council shall otherwise decide.

7. A scholarship may also be summarily determined at any time if, in the opinion of the Council, the holder of it be guilty of misconduct.

• Allowed 16th December, 1948, and amended 14th December, 1950.

PRIZES

8. Each year a sum of not more than £55 will be awarded in prizes in the various grades of theory and practice of music, of musical perception, and of the art of speech, to candidates adjudged by the examiners as showing outstanding ability and promise. The recommendations shall be set out in a report by the examiners to the Music Examinations Board, which will make recommendations to the Council of the University.

9. The awards shall be distributed over as many grades as may be considered advisable with the object of encouraging promising pupils at all stages of the A.M.E.B. scheme.

*10. No candidate shall be considered in these awards whose age is not given on the examination entry form. Unless in exceptional circumstances, prizes shall not be awarded in pianoforte or violin in the First, Second, Third, Fourth and Fifth Grades to candidates who have attained the ages of 10, 12, 13, 14 and 15 years respectively on the thirty-first day of December in the year of the examination. No candidate shall be awarded a prize more than once in the same grade.

11. If at any time it is deemed by the Board to be necessary a special examination will be held to decide an award.

LICENTIATE PRIZE

12. A prize of fifteen guineas shall be awarded each year to the best South Australian candidate who passes as an executant in the Licentiate Examination (Music); provided that if the examiners report that no candidate is of outstanding merit the prize shall lapse for that year.

13. The prize shall not be awarded to the same person more than once.

• Allowed December, 1948

Regulations 1, 3, 4, 5, 6 and 7 allowed 30th November, 1933. Regulations 8, 9, 11, 12 and 13 allowed 11th December, 1941.

Awards

SCHOLARSHIPS—

For previous awards, see Calendars from 1910.

- | | |
|------|---------------------------------------|
| 1954 | { Cooper, Philip Lindsay (Theory) |
| | { Chappell, Glenys (Practice) |
| 1955 | Terry, Athalie May (Practice) |
| 1956 | Tobin, Ashleigh Hambridge (Practice). |
| 1957 | Perriam, Judith Faye (Practice) |
| 1958 | Madge, Geoffry Douglas (Theory) |

LICENTIATE PRIZE—

For previous awards, see Calendars from 1942.

- | | |
|------|-------------------------------|
| 1953 | No award |
| 1954 | Forsyth, Jeanette |
| 1955 | No award |
| 1956 | No award |
| 1957 | Gunning, Shelley Anne Stannus |
| 1958 | No award |

PRIZES—

For previous awards, see Calendars from 1945.

Awards in 1956:

(a) *Pianoforte.*

Seventh Grade: Tobin, Ashleigh Hambridge
Johnson, Annetta
Halliday, Laura

- Sixth Grade: Hodge, Geraldine Janice
 Johnson, Julie Fay Lindsay
 Burr, Marilyn
 Lynch, Bernadine
 Fifth Grade: Puodzius, Raymond
 Ashton, Elizabeth
 Schwerdt, Yvonne
 Thomas, Lorraine Frances
 Fourth Grade: Pearce, Catherine
 Lakin, Angela Mary
 Rudzinskas, Klevas
 Third Grade: Baghurst, Andrew
 Palmer, Ian

(b) *Violin.*

Sixth Grade: Gervasi, Illa

(c) *Art of Speech.*

Fourth Grade: Mackie, Georgina

Awards in 1957:

(a) *Pianoforte.*

- Seventh Grade: Hodge, Geraldine Janice
 Elvey, Judith
 Gray, Jennifer
 Sixth Grade: Modra, Rosemarie Helen
 McMutrie, Peter Roderick
 Fifth Grade: Skinnel, Avenel
 Lakin, Angela Mary
 Fourth Grade: Knabe, Anne Norman
 Kennedy, Kathleen

(b) *Violin*

- Sixth Grade: Siggs, Meredith Lillian
 Fifth Grade: Wheaton, Athalie Meredith

Awards in 1958:

(a) *Pianoforte.*

- Seventh Grade: Johnson, Julie
 Sixth Grade: Madge, Geoffry Douglas
 Roberts, Patricia
 Lakin, Angela Mary
 Fifth Grade: Crisp, Heather Ann
 Ligeti, Judy
 Kennedy, Kathleen
 Fourth Grade: Kostyszyn, Lesia
 Koch, Christine Joan
 Gallasch, Wendy Anne

(b) *Violin.*

- Seventh Grade: Taylor, Diana Fay
 Sixth Grade: Johnson, Julie Fay
 Fourth Grade: Smith, Ivan John
 Schwab, Charles Burden

(c) *Speech and Drama.*

Sixth Grade: Mackie, Georgina.

The Eva Lines Memorial Prize.**RULES.**

Whereas the late Eva Lines has bequeathed to the University the sum of £500 for the purpose of founding a pianoforte scholarship (or prize) to be called "The Eva Lines Memorial Scholarship (or Prize) for Pianoforte," it is hereby provided that:

1. A prize to be called The Eva Lines Memorial Prize shall be awarded annually on the results of the Fifth and Sixth Grade September-October examinations in Pianoforte conducted in South Australia by the Australian Music Examinations Board.

2. To be eligible for the Prize, a candidate shall be under the age of seventeen years on the 31st day of December in the year in which the examination is held.

3. The Prize shall be awarded to the candidate who, being eligible, is considered by the examiners most worthy to receive the award.

4. The value of the Prize shall be £15, or such other sum as the Council may from time to time determine.

5. The Prize shall not be awarded to any person more than once.

6. These rules may be varied from time to time by the Council, but the title and the purpose of the foundation shall not be changed.

Awards.

1955	McMutrie, Peter Roderick	1957	No award
1956	Hodge, Geraldine Janice	1958	Roberts, Patricia.

CALENDAR
OF
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FOR THE YEAR 1959
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ANNUAL REPORT FOR THE YEAR 1958

To His Excellency Air Vice-Marshal Sir Robert Allingham George, K.C.M.G., K.C.V.O., K.B.E., C.B., M.C., Governor in and over the State of South Australia:

The Council of the University of Adelaide has the honour to present to your Excellency the following report for the year 1958:

INTRODUCTION

The increased financial support for the University from the State and Commonwealth Governments that followed acceptance of the Report of the Murray Committee late in 1957 enabled the University to make significant advances in material and human resources.

Substantial increases were made in the allocations for the purchase of scientific equipment, and contracts were let for a new building for Organic Chemistry, a new wing at the Waite Institute, and extensions to the Barr Smith Library. These three projects should be finished before the beginning of the academic year in 1960.

Preliminary planning was done for a new building for biological sciences on the Frome Road frontage, the first stage of which is to be finished by the end of 1960. The State Government undertook to make the site of the old Exhibition Building available to the University as early as it could, and preliminary specifications were prepared for a large building embracing that site to house the Faculties of Arts, Economics and Law; again, the first stage is to be ready by the end of 1960. Because of the civic significance of the site the Council has commissioned four firms of architects to submit plans for the complete building.

The effect of the Murray Report on the human resources of the University will be more apparent late in 1959 and in 1960, as it was not practicable at relatively short notice to prepare a satisfactory plan for staff development in 1958, but such a plan has been adopted and is being carried out during 1959.

Rapidly increasing numbers of students present the University with urgent problems of accommodation and staff. The increase in 1958 over 1957 was 430; and the increase in 1959 is of the order of 400 to 450. The great bulk of the increase comprises full-time students who must be provided for in a number of departments.

2. VICE-CHANCELLOR

Mr. A. P. Rowe retired from the office of Vice-Chancellor on April 30, after ten years' service. In his address at the Annual Commemoration on April 9, 1958, the Chancellor reviewed the development of the University that occurred during the decade and the part played by Mr. Rowe as Vice-Chancellor during those years of growth.

In September, the Council appointed Mr. H. B. Basten Vice-Chancellor from October 1, 1958.

3. THE COUNCIL AND THE SENATE

The Council created the office of Deputy Chancellor in October and appointed the Honourable Sir George Ligertwood to it.

In November Mr. C. E. S. Gordon, the Reverend W. F. Hambly, Dr. K. S. Hetzel and Mr. R. A. Simpson retired from the Council by effluxion of time and offered themselves for re-election. An additional vacancy was caused by the death of Sir Douglas Mawson. The Senate elected Mr. Gordon, the Reverend Mr. Hambly, Dr. Hetzel, Dr. J. Melville and Professor E. A. Rudd to fill the five vacancies; and in December it re-elected Professor P. H. Karmel, who also retired by effluxion of time.

4. OBITUARY

The Council records with deep regret the deaths during the year of Dr. P. M. Nossal, Sir Darcy Cowan, Mr. C. R. Jury, Professor Sir Douglas Mawson and Mr. F. W. Eardley.

Dr. Nossal, who died in January, had been a member of the staff for ten years and was Reader in Biochemistry at the time of his death.

Sir Darcy Cowan, a triple blue of the University, had been lecturer in pulmonary tuberculosis in the Faculty of Medicine for fourteen years and had taken an active part in the promotion of the University Health Service and the Physical Education Department.

Mr. Jury had filled the Chair of English Language and Literature, which had been endowed in 1922 by his mother, from 1946 to 1949.

Sir Douglas Mawson's association with it for over 50 years gave distinction to the University. He joined the staff in 1905, held the Chair of Geology and Mineralogy from 1921 until he retired in 1952, and had been a member of the Council since 1931. Sir Douglas, who was knighted in 1914 and elected a Fellow of the Royal Society in 1924, had an international reputation as a scientist, explorer and teacher.

Mr. Eardley entered the service of the University in 1900 as Accountant. He became Assistant Registrar in 1911, and was Registrar from 1924 to 1944. In his first year of service the University's general running costs were £19,000 and the value of its endowments and buildings £260,000. When he retired, the figures were £182,000 and £1,000,000 respectively, an indication of the great growth of the University in its work and resources during his 45 years of service.

5. THE FACULTY OF ARTS

New Chair: A Chair of Geography was established and Mr. G. H. Lawton, Reader-in-Charge of the Department of Geography since 1951, was appointed to it from January 1, 1959.

Appointments: Mr. P. Dixon, Dr. P. C. Haeffner, Dr. R. V. Johnson and Mr. A. W. Rudrum, Lecturers in English; Mr. H. J. Siliakus, Lecturer in German; Dr. G. S. Reid, Senior Lecturer in Government and Public Administration in the Department of History and Political Science; Mr. C. F. Presley, Lecturer in Philosophy; Mr. R. E. C. Penny, Lecturer in Psychology; Dr. J. T. Gilchrist, Lecturer in History.

Visitors: Dr. Frank Durham, a Fulbright Scholar of the Military College, Charleston, South Carolina, U.S.A., Professor R. E. Watters of the University of British Columbia, and Professor H. Robinson of the University of Oregon, to the Department of English; Emeritus Professor L. A. Triebel, of the University of Tasmania, to the Department of German; Mr. Kingsley Martin, 1958 Dyason Lecturer, to the Department of History and Political Science.

Subjects of Research: Classification in the *Philebus*; the economic development of Attica; linear B and related historical questions; some aspects of the Australian novel, 1840-1890; the language of science; a history of Australian poetry; Pope's satires in relation to contemporary life; the popular dramatic tradition in the development of the Elizabethan theatre; the novels of Henry Handel Richardson; Colonel Light; Australian letter writers: an anthology with introduction and comments; Aborigines in Australian literature; a study of Swift's verse; the relation between Matthew Arnold's theology and poetic theory; Australian women novelists; Australian historical novels; the life and times of Simpson Newland; the social, political, and literary significance of Joseph Furphy's writings; the convict legend of Australia; an examination of the more notable Australian historical novels, 1922-1942; Christianity and society in Australia; a history of racial problems in South Africa; Anglo-Scandinavian trade and finance in the eighteenth century; Gregory King's observation; later work of Hugo van Hofmannsthal; the language and history of South Australian Germans; the concept of freedom in the work of J. G. Herder; parliamentary financial procedures; the non-labor parties in South Australia; social relief in South Australia; philosophical psychology; act utilitarianism; philosophy of religion; mind and body; happiness; investigation of factors contributing to adjustment in nursing; conditioning factors in rodent attacks on electric cable; psychological factors in the assimilation of immigrants in South Australia; the construction of a short form of the M.M.P.I.; enuresis and methods of continence training; the status ranking of occupations; a study of belief; an inventory method of assessing attitudes; regional geography of the wine industry of South Australia; problems of assimilation of part-aboriginal people in South Australia; plant geography of selected areas north-west of Alice Springs; land use survey of sample areas in South Australia; Eyre Peninsula—a regional survey.

Study Leave: Mr. M. Bryn Davies, Reader in English; Mr. G. H. Lawton, Reader in Geography.

Staff Distinctions: Dr. G. S. Reid was awarded the Hutchinson Silver Medal of the London School of Economics for his Ph.D. thesis on "A comparative study of the financial procedures of the Parliaments of the United Kingdom and the Commonwealth of Australia"; Dr. A. W. Meadows became a Fellow of the Incorporated Statisticians, London.

Gift: £130 by Mrs. A. N. Beddome to found the Byard Prize in English in memory of her father, the late Douglas John Byard.

Changes in Curriculum: The courses in English I and English IA were amalgamated; two additional courses—in Child and Developmental Psychology and in Social Psychology—were established in the Department of Psychology; and a course in German IA was approved for offering in 1959.

6. THE FACULTY OF SCIENCE

New Chairs: The Council created chairs in Applied Mathematics and Microbiology. The latter was established largely as a result of financial support secured by Mr. Roland E. Jacobs from Industry. Gifts were sufficient to maintain the chair for more than three years,

and the Council records its appreciation both of the donors' support for developing the University's work and of Mr. Jacobs' part in obtaining it.

Retirements: Professor H. W. Sanders, Elder Professor of Mathematics since 1944; Dr. R. S. Burdon, Reader in Physics, after 36 years' service to the University. The Council conferred the title of Professor Emeritus on Professor Sanders on his retirement.

Resignations: Dr. A. M. Sargeson, Lecturer in Physical and Inorganic Chemistry; Mrs. S. J. May, Lecturer in Bacteriology.

Appointments: Dr. R. F. Whelan of the Queen's University, Belfast, to the Chair of Human Physiology and Pharmacology; Dr. E. S. Barnes, Reader in Pure Mathematics in the University of Sydney to the Elder Chair of Pure Mathematics; Dr. R. B. Potts, Associate Professor of Applied Mathematics in the University of Toronto to the Chair of Applied Mathematics; Dr. E. S. Holdsworth, Reader in Biochemistry; Dr. A. L. J. Beckwith and Dr. K. T. Potts, Lecturers in Organic Chemistry; Mr. J. L. Talbot and Dr. R. L. Oliver, Lecturers in Geology; Dr. I. S. de la Lande, Reader in Pharmacology.

Study Leave: Mr. G. Szekeres, Reader in Mathematics; Professor H. S. Green, Professor of Mathematical Physics; Professor G. M. Badger, Professor of Organic Chemistry; Dr. A. J. Day, Senior Lecturer in Physiology; Professor J. H. Bennett, Professor of Genetics.

Staff Distinctions: Professor L. G. H. Huxley was appointed Chairman of the Radio Research Board of Australia; Dr. C. A. Hurst was elected to the Council of the Australian Mathematical Society; Professor G. M. Badger gave the Liversidge Lecture at the Adelaide meeting of A.N.Z.A.A.S.; Professor J. G. Wood was elected the first President of the newly-formed Australian Society of Plant Physiologists and Chairman of the Board of Standards of the Australian Journals of Science; Miss L. M. Angel contributed an article for the jubilee volume to be published in honour of Dr. Eduardo Caballero; Dr. H. G. Andrewartha gave a lecture at the University of Malaya in connection with the Darwin centenary celebrations.

Visitors: Professor H. Walter, Director of the Botanical Institute of the Agricultural High School, Hohenheim, Germany, to the Department of Botany; Dr. M. Draper of the Department of Physiology, University of Edinburgh, and Dr. A. Bird of the C.S.I.R.O. to the Department of Zoology; Professor J. H. Gaddum, F.R.S., Professor of Materia Medica in the University of Edinburgh, and Dr. A. J. Buller of St. Thomas's Hospital, London, to the Department of Physiology; Dr. D. L. Hayman and Dr. J. B. Griffing of the C.S.I.R.O. to the Department of Genetics.

Subjects of Research: Mathematics—integration of functions in several variables; singularities of Riemannian manifolds; Fourier transforms of distributions; conditions for plane measurability; bowl dynamics; magnetic losses in cores of various shapes; the tabulation of three functions arising in nuclear resonance theory.

Physics—investigation of wind systems in the upper atmosphere; meteor anatomy; electron motion in gases; rock magnetism; structure of the fibrous protein collagen.

Mathematical Physics—principles of quantum mechanics; relativistic two-body problems in quantum mechanics; magnetohydrodynamics.

Physical and Inorganic Chemistry—physical properties of nucleic and related macromolecules; ionic polymerisation; diffusion studies of proteins; reactions in monolayers; polymerisation reactions induced by radiation; surface properties of liquid metals; sedimentation of small molecules; binding of molecules by enzymes; electron transfer reactions between non-ionic species; exchange reactions of quadridentate complexes; salicylidene amine derivatives of transition metal ions; solvent properties of trifluoromethyl iodide; exchange reactions of the CCl_3 group; reactions of cyanogen halides with Group V.

Organic Chemistry—the formation of carcinogenic compounds by pyrolysis of simple hydrocarbons; synthetic applications of metal catalysts; the examination of essential oils by vapour phase chromatography; the synthesis and structures of heterocyclic compounds; free radical reactions; occurrence and stereochemistry of leucoanthocyanins; the structure of alkaloids; reactions of carbonyl compounds with amino acids; infrared studies of hydrogen bonding and of methyl groups.

Geology—carbonate sedimentation; comparative stratigraphy of the continental margins of Australia; stratigraphic studies in Central Australia, the South East of South Australia and the South Flinders Ranges; the structural geology of the Mt. Lofty Ranges; the Marinoan Series of South Australia; various studies of a palaeontological and mineralogical nature.

Botany—ecology of heath plants; ecology of arid plants; algal ecology and taxonomy; mineral nutrition; protein metabolism; nitrate reduction.

Zoology—the biology of diapause in insects; the ecology of *Pseudococcus*; the physiology of mitochondria; the physiology of parasites; ecology of pasture pests; studies in the vectors of myxomatosis; the biology of sipunculids; life cycles of Trematoda; taxonomy of free-living and parasitic nematodes; the metabolism of I^{131} in lower chordates; a survey of plankton; reproductive physiology of marsupials; ecology of insect pests in orchards; water metabolism of insect eggs.

Biochemistry—the roles of flavins in the metabolism of the micro-organism *Lactobacillus arabinosus*; carbohydrate metabolism in the mealworm *Tenebrio molitor*.

Physiology—serum lipids and mucopolysaccharides in atherosclerosis; somatic sensory pathways in the opossum; efferent fibres in olfactory pathways; effect of alstonine on acetylcholine synthesis in brain tissue; influence of cholinesterase inhibitors on peripheral nerve fibres; adrenaline antagonism in human blood vessels; cardiovascular actions of 5-hydroxytryptamine in man; glucose and the basal metabolism; acclimatisation in the Australian aborigine; effects of synthetic food additives (antioxidants) in the diets of animals.

Bacteriology—antibacterial activity in Australian plants and fungi; cytology and immunochemistry; Salmonellas in Australia and their bacteriophages; serology of the non-haemolytic streptococci; bacteriophages of gram-negative bacilli.

Genetics—genetical study of Kuru; abortion patterns in a strain of *Neurospora crassa*; genetical interference in *Neurospora crassa*; mapping of mutants of *Neurospora crassa* requiring histidine; histidine-inhibited mutants of *Neurospora crassa*; analysis of inherited variation in *Linum usitatissimum*; genetics of the host-pathogen relationship in flax rust; heterostyly in the tetraploid *Oxalis pes-caprae*; inheritance in *Echium plantagineum*; selectively balanced polymorphism at sex-linked loci in laboratory populations of *Drosophila melanogaster*; genetical studies of the Australian plague locust, *Chortiocetes terminifera*; the relation between the ABO blood groups and familial incidence of carcinoma of the stomach in man; genetics of eye abnormalities in the house mouse; problems of enumeration in genetics.

Gifts and Grants: Two Benioff seismographs valued at about £6,000 to the Department of Physics through the Australian Academy of Science; grants from the Anti-Cancer Committee, the Daymon Runyon Fund, Monsanto Chemicals (Aust.) Pty. Ltd., and the American Chemical Society Petroleum Research Fund to the Department of Organic Chemistry.

Departmental Activities: New first-year courses in General Mathematics and General Physics were established; the Department of Physics was again actively engaged in the progress of research in connection with the International Geophysical Year, and installed a modern seismological station on Mt. Bonython; Dr. D. H. LeMessurier accompanied a Joint American-Swedish-Australian expedition to Central Australia and Northern Territory to study heat acclimatisation; a cardio-vascular unit was established for the study of the physiology and pharmacology of human blood vessels and investigation of cardio-vascular diseases.

7. THE FACULTY OF ENGINEERING

Appointments: Mr. A. G. Thomson, Lecturer in Mechanical Engineering; Mr. M. W. Allen, Senior Lecturer in Electrical Engineering; Mr. D. S. Brooks, Lecturer in Civil Engineering.

Visitor: Professor Gordon Brown, Head of the Department of Electrical Engineering at the Massachusetts Institute of Technology, to the Department of Electrical Engineering.

Subjects of Research: Stress distribution by photo-elastic methods; properties of concrete; waves in water; steel-framed structures; pre-stressed concrete; heat transfer to liquids boiling inside vertical tubes; the reduction of lead oxide with hydrogen; reduction equilibria for the sulphates of calcium, strontium and barium; absorption and reaction on charcoals; effects of hydrogen on the corrosion of uranium; passive behaviour of alloys of iron; diffusion across a liquid-liquid interface; bond energies of co-ordination complexes; the permeability of graphite for gases; etch pits on calcite cleavage faces; polarography of flowing solutions; non-destructive electro magnetic testing of wire ropes; theoretical investigations of mine sampling using pattern drilling by diamond drills; vibration isolation in non-linear systems; engineering acoustics; fatigue; combustion phenomena; marine propulsion.

Gifts: Periodicals, text-books and some multi-language technical dictionaries from Mr. H. S. Fellows to the Department of Electrical Engineering; the Shell Company of Australia Limited and Forwood Down Company Limited established prizes in the fourth and fifth years respectively of the course in Mechanical Engineering.

Special Activities: A special series of lectures and practical work on transistors was given by the Department of Electrical Engineering; a post-graduate course in Nuclear Power was given by the Department of Mechanical Engineering.

8. THE FACULTY OF LAW

Resignation: Mr. L. C. L. Blair, Senior Lecturer in Law.

Appointments: Dr. Norval R. Morris, Associate Professor of Criminology in the University of Melbourne, as Bonython Professor of Laws; Dr. A. C. Castles, Senior Lecturer in Law.

Visitor: Mr. Robert Force, a Fulbright Scholar.

Staff Distinctions: Professor Morris was invited by the Government of Ceylon to be the Chairman of a Royal Commission on Capital Punishment, which began its work in December.

Activities: International Law was introduced into the course for the degree of Bachelor of Laws as an option to Roman Law.

9. THE FACULTY OF MEDICINE

New Chairs: Chairs in Surgery and in Obstetrics and Gynaecology were established, and were filled by the appointment of Professor R. P. Jepson of the University of Sheffield, and Dr. L. W. Cox of New Zealand, respectively.

Resignation: Mr. T. Murphy, Senior Lecturer in Anatomy.

Retirement: Mr. A. H. Lendon, Director of Surgical Studies.

Other Appointments: Dr. B. S. Hetzel, Reader in Medicine; Dr. P. R. Hodge, Senior Lecturer in Forensic Pathology.

Study Leave: Professor J. S. Robertson, Professor of Pathology; Professor H. N. Robson, Professor of Medicine.

Staff Distinctions: Professor A. A. Abbie gave the first Sir William Macleay Memorial Lecture to the Linnean Society of N.S.W.; Dr. B. S. Hetzel was admitted as a Fellow of the Royal Australasian College of Physicians.

Visitors: Dr. R. Ruggles Gates, F.R.S., of Harvard University, to the Department of Anatomy; Professor M. M. Wintrobe of the University of Utah School of Medicine and Dr. Malcolm Milne, of the Post-graduate Medical School of London, to the Department of Medicine.

Subjects of Research: Experimental production of foetal abnormalities; all aspects of the physical anthropology of Australian aborigines; the mechanism of the jaws and mastication; the cutaneous glands of marsupials; the spinal cord of *Trichosurus vulpecula*; blood and blood chemistry of aborigines; a clinical and genetic study of the disease kuru; leukaemia; anticoagulants; congenital heart disease, arteriosclerosis; thyroid function; salicylates; metabolic effects of hormones; electrolyte metabolism.

10. THE FACULTY OF DENTISTRY

Retirement: Professor T. D. Campbell, Director of Dental Studies from 1949 to 1953, and Professor of Dental Science since 1954. The Council conferred the title of Professor Emeritus on Professor Campbell on his retirement.

Appointment: Mr. A. M. Horsnell, formerly Dental Sub-Dean of the London Hospital Medical College, to the Chair of Dental Science.

Visitor: Mr. M. Jolly, of the University of Sydney.

Subjects of Research: Study of sheep teeth; survey of population-dentist ratios and dental services; investigation of metal and refractory materials used in dentistry; field studies on dental conditions of Central Australian aborigines.

11. THE FACULTY OF ECONOMICS

Appointments: Mr. G. C. Harcourt, Lecturer in Economics; Mr. D. H. Whitehead, Lecturer in Economic Development.

Visitors: Professor D. P. Locklin, of the University of Illinois; Professor L. Goldberg, of the University of Melbourne, who delivered the Australian Society of Accountants' Annual Lecture; Professor R. I. Downing, of the University of Melbourne, who gave the Joseph Fisher Lecture; Professor D. C. Rowan, of the University of New South Wales.

Staff Distinctions: Professor Mathews was awarded a travel grant by the Carnegie Corporation; Mr. M. Polasek was awarded a Duke University Fellowship; Mr. R. D. Terrell was elected to the Rhodes Scholarship for 1958.

Subjects of Research: The effects of inflation on company profits and finances; revaluation problems in national income accounting; electronic accounting; accounting for economists; some aspects of Australian-Japanese trade; an economic survey of the dairying industry in the Murray Swamps area; case studies in economic development; the finance of investment of British Companies, 1949-53; economics of overseas shipping.

During the year two major books were published: *Applied statistics for economists* by Professor P. H. Karmel, and *Inflation and company finance* by Professor R. L. Mathews and Mr. J. McB. Grant.

Summer School: The third Summer School of Business Administration was held in February, the subject being "Business and Economic Policy". The School was opened by the Chancellor (The Honourable Sir Mellis Napier) and papers were given by Professor R. I. Downing, Mr. H. E. Zelling and Mr. E. A. Russell. The Proceedings were subsequently published by the University.

Departmental Activities: Between March and May a series of post-graduate lectures in accounting were given to practising accountants, and in November the Faculty conducted a one-week course in management accounting and business finance. The Department of Adult Education co-operated with the Faculty in each case.

12. THE FACULTY OF AGRICULTURAL SCIENCE AND THE WAITE
AGRICULTURAL RESEARCH INSTITUTE

Resignation: Mr. A. F. Jenkinson, Statistician.

Appointments: Dr. A. A. Millerd, Senior Lecturer in Agricultural Chemistry; Mr. J. K. Powrie, Lecturer in Agronomy; Dr. F. D. Morgan and Dr. J. Monro, Lecturers in Entomology; Dr. J. W. McGarity, Lecturer in Agricultural Chemistry; Mr. B. G. Clare, Temporary Lecturer in Plant Pathology.

Study Leave: Dr. K. W. Finlay and Dr. J. N. Black of the Department of Agronomy; Dr. J. H. Warcup and Dr. N. C. Crowley, of the Department of Plant Pathology.

Distinctions: Dr. J. Melville, the Director of the Institute, was appointed a member of the executive of the C.S.I.R.O.; Professor R. K. Morton was elected a Fellow of the Australian Academy of Science and President of the Australian Biochemical Society; Professor C. M. Donald was granted leave to visit South America at the invitation of Bovril Ltd. to advise on the pastures of the Company's Estancias; Dr. N. T. Flentje and Dr. J. H. Warcup were invited to give addresses at the Golden Jubilee meetings of the American Phytopathological Society in Bloomington, U.S.A., during August, 1958.

Visitors: Dr. Bruce Griffing, of C.S.I.R.O., Canberra, gave a series of lectures on biometrical genetics; Dr. A. D. Webb, Associate Professor of Oenology in the University of California, and Dr. R. N. Robertson, of the C.S.I.R.O. Division of Food Preservation and Transport, to the Department of Agricultural Chemistry.

Subjects of Research: Synthesis of Coenzyme I; comparative studies of tumours and normal tissues; chemistry of cytochromes; physico-chemical studies of protein of wheat grain; genetics of plant viruses; nature and properties of virus particles; biological purification and storage of viruses; metabolism of virus infected and healthy plants; fluorescent substances in plants; soil fertility; mechanism of clay swelling and clay-water relationships; negative adsorption of chloride ions by clay surfaces; analytical methods; plant breeding; species and strain studies with pasture plants; yield and quality studies with cereals; competitive relations within pasture swards; sheep nutrition on dry summer pastures; pasture utilization; pasture nutrition in the south-east of South Australia; the ecology of earthworms in a Mediterranean environment; microanatomy of the insect cuticle; digestion, and mouthpart mechanisms in Heteroptera; physiology of form-determination in aphids; ecology of codling moth, and of the insect and mite fauna of apple orchards; studies on lucerne entomology; honeybees and pollination in orchards and legumes; nosema disease in bees; studies on pasture insects, sap-sucking mites, vine phylloxera, scale insects, and forest entomology; additions and revisions of the fungi of Australia; root disease caused by *Rhizoctonia solani*; the influence of excretions of plant roots on attack by pathogenic fungi; gummosis of apricot; seed transmission of plant virus diseases; virus diseases of stone fruits and of vines in South Australia; seasonal activity of fungi in the soil; effect of certain fumigants on fungi in the soil; plant diseases caused by species of *Pythium*; and physiology of fungi; plant growth regulators; response of barley to drought; carbohydrate metabolism; plant nutrition.

Gifts and Grants: The Barley Improvement Trust Fund gave £200 towards the cost of lysimeters for the Plant Physiology Department; a glasshouse was given to the Plant Pathology Department by the Commonwealth Department of Health, and a grant of £3,000 made available by the Phylloxera Board of South Australia for investigations into vine virus diseases in South Australia; a grant of £1,000 a year for three years was made by the S.A. Fruitgrowers and Market Gardeners' Association for investigations into Pea Diseases in the Renmark and Port Pirie areas; substantial gifts from the Rockefeller Foundation and the Anti-Cancer Campaign Committee were made towards the purchase of an electron microscope for the Department of Agricultural Chemistry; and certain projects were financed by the State and Commonwealth Wheat Funds, the Rural Credits Fund and the Barley Research Fund.

Teaching: Courses in Agricultural Chemistry II, Soil Science II and Horticulture were given for the first time.

13. THE FACULTY OF MUSIC AND THE ELDER CONSERVATORIUM OF MUSIC

Retirement: Mr. George Pearce, Teacher of Pianoforte, after 40 years' service.

Resignations: Mr. Max Worthley, Teacher of Singing; Miss Patricia Klose, Librarian.

Appointments: Mr. Richard Watson, Teacher of Singing; Miss Kathryn Schramm, Librarian.

Study Leave: Mr. John Horner, Senior Lecturer in Music.

Visitors: The Amadeus String Quartet; Mr. Roy Shepherd of the Conservatorium of Music, University of Melbourne; Mr. Alexander Sverjensky, of the New South Wales State Conservatorium of Music; Dr. Karl Rankl and members of the Elizabethan Theatre Trust Opera Company.

Concerts: Performances were enhanced by the improved acoustical qualities of the Elder Hall completed at the beginning of the year. During the first term a series of student solo recitals was held. The Winter series of Sunday afternoon Concerts drew record attendances. A highlight of the year was a Bach Festival. Twelve concerts were given which included works for organ, orchestra, choir, chamber groups and solo instruments. The University Music Society held its meetings during the year in Elder Hall. Under the direction of Mr. Max Worthley, the students of the Opera School presented Donizetti's opera "Elisir d'Amore" in the Union Hall. Throughout the year the staff of the Conservatorium co-operated with the Department of Adult Education and the Workers' Educational Association in presenting concerts in country centres.

Gifts: Gifts for the Library were received from Professor Bishop, Mr. John Horner, Miss Barbara Howard, Mr. Harold Parsons, Mr. George Pearce, Allan and Co., Boosey and Hawkes, Augeners, The Oxford University Press and Curwan and Sons.

Equipment: Six Steinway pianofortes were bought.

14. DEPARTMENT OF SOCIAL STUDIES

Retirement: Mrs. A. G. Wheaton, Head of the Department since 1942.

Appointments: Miss F. C. Shaw, Lecturer, and Miss H. M. James, Temporary Lecturer.

Visitor: Miss Norma Parker of the University of Sydney.

15. DEPARTMENT OF PHYSIOTHERAPY

Visitor: Dr. A. J. Buller, St. Thomas' Hospital, London.

Subjects of Research: Back pain; effect of mild cerebral damage of postural deviations; classification of headaches in patients referred for physiotherapy; examination of school children with unsatisfactory postures.

16. UNIVERSITY RESEARCH GRANT

The grant supported about 30 research fellows and scholars and about 200 research projects during the year.

A full report on research is published separately.

17. THE BARR SMITH LIBRARY

Building: Extensions to the Barr Smith Library were begun in July. The first stage consists of four levels over the whole area available, but only the northern half of each level will be used immediately for library purposes, the southern portion being used as temporary accommodation for a number of academic departments until they are able to move into permanent quarters. The second stage of the extensions will consist of three additional levels, giving seven in all.

Resources: A special Council grant made it possible to fill some long-standing gaps in the Library's collection, especially in English literature, in the Classics and in Law. Sets of several 19th century literary journals were obtained, and the Library's research resources were increased by the purchase of the microprint edition of *Three centuries of English and American drama*. This edition of more than 5,000 plays includes every obtainable play published in England from 1500 to 1800 and in the United States from 1741 to 1830.

Gifts: Early in the year a valuable gift of 350 books portraying contemporary American civilization was received from the Carnegie Corporation of New York. This collection will be kept as a unit for the next three years and the books will then be shelved according to their subject classification. Books and periodicals were presented by Miss L. M. Angel, Australia-Soviet Friendship Society, Mr. W. H. Bagot, Dr. J. R. Beard, Dr. P. R. Begg, Rev. Dr. C. Irving Benson, Mrs. G. Beringer, Dr. R. S. Burdon, Dr. J. M. Bonnin, Dr. N. J. Bonnin, Carnegie Corporation of New York, Mrs. M. R. Casson, Mr. B. B. Chapman, Mr. C. C. Chee, Professor J. B. Cleland, the Hon. J. L. Cowan, M.L.C., Mr. L. Crompton, Mr. G. N. Dallwitz, Mr. M. Bryn Davies, Mr. L. B. Daymond, Mr. C. C. Deland, Dr. T. A. R. Dinning, Professor W. G. K. Duncan, Professor Frank Durham, Dr. B. R. Elliott, Mr. A. French, Dame Mary Gilmore, Mrs. J. C. Goodchild, Miss E. Harvey, Professor Sir Stanton Hicks, Dr. F. Ray Hone, Dr. K. S.

Inglis, Mr. H. C. Kempe, Dr. T. G. Kohler, Limited Editions Club, New York, Dr. H. A. McCoy, Mr. I. Macintosh, Hon. J. McLeay, M.M., M.P., Mr. F. H. Mares, Professor R. L. Mathews, Dr. Helen Mayo, Mr. W. O. Menz, Dr. J. A. Mills, Mr. J. P. Morgan, Mr. I. D. Muecke, Mrs. J. Muecke, Miss E. Muetzelfeldt, Mrs. H. E. M. O'Goark, Penguin Book Pty. Ltd., Mr. J. Playford, Dr. L. O. S. Poidevin, Professor J. A. Prescott, Mr. O. Pryor, Dr. R. H. C. Rischbieth, Professor H. N. Robson, Rev. G. Rowe, Dr. A. Sandison, Professor D. Nichol Smith, S.A. Mines Department, Miss J. Stokes, Mr. T. G. H. Strehlow, Miss E. D. Symon, Miss L. K. Symon, Mr. K. G. Tregonning, Mr. M. Wachsberger and Dr. W. Wall.

18. THE POSTGRADUATE COMMITTEE IN MEDICINE

The following visitors were sponsored by the Committee during 1958: Professor H. Olivecrona, Professor of Neurosurgery, Royal Caroline Institute, Stockholm, and Director of the Neurosurgical Clinic, Serafimerlasarettet, Stockholm; Professor M. L. Rosenheim, C.B.E., Professor of Medicine, University College Hospital, London, and Sims Commonwealth Travelling Professor for 1958; Mr. J. B. Blaikley, Director of Obstetrics and Gynaecology, Guy's Hospital, London. Sims-Black Travelling Professor for 1958; Dr. Saul Adler; Professor Lucien Morris, Professor of Anaesthesiology in the University of Washington, Seattle, U.S.A.; Dr. Paul D. White of the Massachusetts General Hospital, Boston, U.S.A.; Professor J. H. Gaddum, F.R.S., Professor of Material Medica in the University of Edinburgh; Professor Maxwell Wintrobe, Professor of Internal Medicine in the University of Utah College of Medicine, Salt Lake City, U.S.A.; Dr. M. D. Milne, Lecturer in Medicine in the Postgraduate Medical School, London; Dr. M. H. Draper, Senior Lecturer in Physiology in the University of Edinburgh; Professor Charles Illingworth, C.B.E., Professor of Surgery in the University of Glasgow, Scotland; Professor F. A. R. Stammers, C.B.E., Professor of Surgery, Queen Elizabeth Hospital, Birmingham, England; Professor Jorgen Lovset, Director of the Institute of Obstetrics and Gynaecology and Dean of the Faculty of Medicine in the University of Bergen, Norway; Dr. Alice Stewart, Reader in Social Medicine in the University of Oxford; Dr. A. J. Buller, Lecturer in Physiology, Sherrington School of Physiology, St. Thomas's Hospital, London; Dr. A. C. Begg, Director of the Department of Diagnostic Radiology at Dunedin Hospital and Senior Lecturer in Radiology in the University of Otago; Captain Thomas J. Canty, Chief of the Amputee Service of the United States Naval Hospital, St. Leandro, California; Dr. J. F. Loutit, C.B.E., Director of the Medical Research Council Radiation Biology Unit, Harwell, England; Dr. L. H. Gray, Director of the British Empire Cancer Campaign, Radiobiological Research Unit, Mount Vernon Hospital, London; Dr. A. Austin Eagger, C.B.E., Medical Director of the Slough Industrial Health Service, England; Mr. James Crooks, Senior Consultant, Hospital for Sick Children, Great Ormond Street, London; Dr. Marjory Warren, Consultant Physician and Medical Director of the Geriatric Unit and Deputy Director of the West Middlesex Hospital, Isleworth, Middlesex, England; Dr. G. A. Kelsall of the Department of Haematology, King Edward Maternity Hospital, Perth; Mr. B. K. Rank, Honorary Plastic Surgeon, Royal Melbourne Hospital, Victoria (Ed-

ward Stirling Lecturer); Dr. Howard Williams, Director of Clinical Research to In-Patients, Royal Children's Hospital, Melbourne. (Swift Memorial Lecturer.)

19. DEPARTMENT OF ADULT EDUCATION

Appointments: Mr. Colin Lawton, Secretary-Organiser of the Department; Dr. N. C. Crowley, Assistant to the Director.

Statistics of the Department will be found in Section 23.

20. THE ANTI-CANCER CAMPAIGN COMMITTEE

General: The Committee made a grant of up to £1,100 a year to enable Professor L. W. Cox to establish a cytological service for the detection of cancer, particularly in women, and set aside about £5,000 towards the cost of an electron microscope of high resolution for use primarily by Professor R. K. Morton in his research into the biochemistry of tumour cells. The Committee contributed towards the cost of bringing Dr. L. H. Gray and Dr. J. F. Loutit to Australia for the Second Australasian Conference on Radiation Biology, and sponsored a visit to Adelaide by Drs. Gray and Loutit. The State Government promised a special grant of £10,000 towards the cost of construction of radioactive body burden assay equipment, and further sources of financial support were investigated. Fire protection equipment was installed in the linear accelerator.

Clinical: The linear accelerator continued to prove reliable and effective in a wide range of treatments. A cobalt-beam therapy unit was acquired and a second cobalt unit ordered. The use of carbon dioxide snow for the treatment of hyperkeratoses of the skin and similar superficial lesions was developed. In the field of chemotherapy, Nitromin was used in the treatment of reticuloses, and Leukeran in the treatment of lymphosarcoma, lymphatic leukaemia, lymphoblastoma, and Hodgkin's disease, with some good results, except in the case of lymphatic leukaemia.

Physical: Research was continued into the design and performance of free air chambers; the behaviour and standardisation of dosimeters and thimble chambers; the estimation of dosage for tissues of varying densities; the levels of environmental radioactivity and artificial radioactivity as a result of the explosion of nuclear devices. Investigations were made at the Royal Adelaide Hospital and the Adelaide Children's Hospital to measure the X-ray dosage received by staff engaged in radio-therapeutic treatments and radiographic procedures.

Chemical and Biochemical: The Department of Organic Chemistry continued its investigations into the identification and mode of formation of carcinogens. Compounds with a possible chemotherapeutic effect on various forms of cancer were also investigated. Work continued in the Department of Inorganic and Physical Chemistry on the solution, behaviour and structure of nucleic acids. In the Department of Agricultural Chemistry research into the biochemistry of tumour cells continued and certain enzyme inhibitors were examined as possible inhibitors of tumour growth.

Financial: The Committee completed payment for the linear accelerator during the year, and a deficit of £5,384 was incurred on the year's activities. In order to meet its accumulated deficits, to finance

its future commitments and to provide some cash reserves, the Committee sold a further £20,000 of stock from the Lord Mayor's Fund, leaving a balance of £30,000 (face value). The South Australian Government increased its annual grant from £5,000 to £6,000 for the 1958-1959 financial year.

21. THE GRADUATES' UNION

In addition to social functions and discussion meetings along the lines of those arranged in previous years, the Graduates' Union held two functions of a different kind in 1958. In May a Graduates' Ball was organised by a special Committee of recent graduates. Later in the year a film evening was held in the Union Hall at which graduates of years before 1914 were special guests.

22. STATUTES AND REGULATIONS

Amendments were made to the following Statutes: Chapter X—Of the Faculties; Chapter XXV—Miscellaneous; Chapter XXXVII—Of the Alexander Clark Memorial Prize; Chapter XLI—Of the Eugene Alderman Scholarships; Chapter LXII—Of the Anna Florence Booth Prize; Chapter LXXI—Of the Anders and Reimers Scholarships; Chapter LXXIII—Of the J. E. Jenkins Scholarships; and a new Statute, Chapter LXXXI—Of the Kenneth and Hazel Milne Travelling Scholarship in Architecture, was made.

New Regulations, Of the degree of Master of Architecture, were adopted and amendments were made to the Regulations governing the degrees of Bachelor of Arts, Bachelor of Science, Master of Science, Bachelor of Engineering, Bachelor of Laws, Bachelor of Medical Science, Master of Dental Surgery, Bachelor of Music, Doctor of Philosophy, and Bachelor of Technology, the Associateship in Arts and Education, and the Public Examinations.

23. STATISTICS

Numbers of Students—The total number of students was 5,189, the biggest enrolment in the history of the University, and an increase of 430 on that for the previous year. The number under the Commonwealth Reconstruction Training Scheme and allied schemes decreased from 17 in 1957 to 14; the number of civilian students increased from 4,742 to 5,175. Of the net increase of 430, 133 were additional enrolments in courses for the degree in Technology.

In contrast to the trend established in previous years, the proportion of full-time students fell slightly in 1958, from 53.1 per cent. of the total in 1957 to 51.5 per cent. This decrease was offset by a corresponding rise from 33.0 per cent. to 34.6 per cent. in the proportion of part-time students.

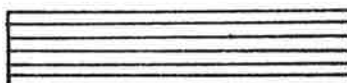
The composition of the student body in 1958 is shown in the following diagram:

COMPOSITION OF STUDENT BODY, 1958

Full-time
2671 = 51.5 per cent.



Part-time
1795 = 34.6 per cent.



External
350 = 6.7 per cent.



Elder Conservatorium
373 = 7.2 per cent.

*Distribution into Courses:*

A. Candidates for Degrees.

	First Degrees		Higher Degrees		Total		
	M.	F.	M.	F.	M.	F.	Total
Agricultural Science ..	84	1	15	—	99	1	100
Architecture	36	5	—	—	36	5	41
Arts	461	406	27	3	488	409	897
Dentistry	42	11	11	—	53	11	64
Economics	312	10	3	—	315	10	325
Engineering	405	3	24	—	429	3	432
Law	87	12	3	1	90	13	103
Medicine	432	84	13	—	445	84	529
Music	7	5	—	—	7	5	12
Science	472	108	46	11	518	119	637
Technology	384	—	—	—	384	—	384
Ph.D.	—	—	57	7	57	7	64
Total	2,722	645	199	22	2,921(a)	667(a)	3,588(a)

B. Candidates for Diplomas and Students Taking Miscellaneous Subjects:

	Diplomas or Certificates		Miscellaneous Subjects		Total		
	M.	F.	M.	F.	M.	F.	Total
Arts and Education ..	190	220	86	121	276	341	617
Economics ..	—	—	16	2	16	2	18
Education (Postgraduate diploma) ..	96(b)	45(b)	—	—	96(b)	45(b)	141
Engineering ..	—	—	4	—	4	—	4
Law ..	11	—	—	—	11	—	11
Music ..	8	28	—	—	8	28	36
Music (Elder Conserva- torium) ..	—	—	144	229	144	229	373
Optometry ..	—	—	18	2	18	2	20
Pharmacy ..	139	33	—	—	139	33	172
Physical Education ..	15	39	—	22	15	61	76
Physiotherapy ..	6	58	—	—	6	58	64
Public Administration ..	44	1	—	—	44	1	45
Science ..	—	—	43	18	43	18	61
Social Studies ..	16	38	—	—	16	38	54
Total Non-Graduating students ..	525	462	311	394	836(a)	856(a)	1,692(a)

(a) A deduction of 46 males and 45 females should be made from the combined total of groups A and B to allow for students counted in more than one category.

(b) Excluding 282 males and 290 females taking another course as principal course.

Comparison with some Previous Years: The following figures of total enrolments in the various Faculties and courses indicate the changes that have occurred during the last nineteen years (the numbers in brackets refer to trainees under the Commonwealth Reconstruction Training Scheme or similar schemes for the rehabilitation of ex-servicemen):

	1939	1948 (Immediate Post-war Peak)	1957	1958
Agricultural Science ..	14	52(17)	89(1)	100(1)
Architecture ..	—	—	—	41
Arts ..	889	1,197(219)	1,357(3)	1,458(1)
Commerce ..	331	341(246)	—	—
Economics ..	71	106(73)	301(2)	336(5)
Dentistry ..	29	105(42)	59(1)	64(1)
Education (Postgraduate diploma) ..	84	113(22)	153(2)	141
Engineering ..	297	765(213)	476(1)	436
Law ..	72	122(68)	110(1)	113(1)
Medicine ..	180	515(144)	540(1)	529(1)
Music (Degree and Diploma) ..	29	59(15)	41	44
Music (Conservatorium) ..	255	575(120)	335	373
Optometry ..	7	14(6)	12	20
Pharmacy ..	82	139(30)	157	172
Physical Education ..	—	43(5)	68	75
Physiotherapy ..	18	47(14)	55	64
Public Administration ..	46	55(39)	57(2)	45(1)
Science ..	205	573(148)	597(3)	681(3)
Social Studies ..	11	67(34)	41	49
Technology ..	—	—	251	384
Ph.D. Candidates ..	—	—	60	64
Totals ..	2,620	4,888(1,455)	4,759(17)	5,189(14)

Assistance to Students: The following table shows the various forms of assistance received by students (excluding Elder Conservatorium students and those proceeding to higher degrees):

	Males			Females			Total
	F./T.	P./T.	Ext.	F./T.	P./T.	Ext.	
Ex-service Training Schemes*	5	6	—	—	—	—	11
Commonwealth Scholarship ..	514	35	1	163	14	1	728
Commonwealth Scholarship and Leaving Bursary ..	111	3	—	15	—	—	129
Commonwealth Scholarship and Leaving Honours Bursary ..	23	—	—	4	—	—	27
Commonwealth Scholarship and others	33	19	—	12	1	—	65
Leaving Bursary	18	—	—	2	—	—	20
Leaving Bursary and Teachers' College	23	—	—	18	6	—	47
Leaving Honours Bursary ..	6	2	—	—	—	—	8
Leaving Honours Bursary and Teachers' College ..	12	—	—	2	—	—	14
Teachers' College	264	73	—	239	147	1	724
Education Department (teachers)	2	162	214	—	88	91	557
Colombo Plan	77	3	—	4	—	—	84
Others	218	127	1	21	31	—	398
Total Assisted Students ..	1,306	430	216	480	287	93	2,812
Unassisted Students	623	770	30	204	152	11	1,790
Total Students	1,929	1,200	246	684	439	104	4,602

* Commonwealth Reconstruction, Disabled Members and Widows, and Korea Malaya Training Schemes.

Overseas Students: There were 247 overseas students (including 41 women) at the University. They were distributed amongst the Faculties and Boards as follows: Engineering, 73; Medicine, 58; Science, 37; Technology, 17; Dentistry, 11; Economics, 10; Agricultural Science, 9; Arts, 8; Social Studies, 5; Architecture, 3; Law and Pharmacy each 2, and Science (Forestry) and Physiotherapy, each 1. Of the other ten students, five were proceeding to the degrees of Ph.D., M.Ag.Sc. (2), M.Sc. and M.E., and the remaining five were taking subjects for courses at the South Australian School of Mines and Industries.

One hundred and ten of these students came from Malaya, 62 from Singapore, 32 from Indonesia, 13 from Hong Kong, four each from India, the Philippines and Sarawak, three each from Thailand and Vietnam, two each from Cambodia, Fiji, North Borneo and Pakistan, and one each from Ceylon, Cyprus, Macao and the United States of America. Eighty-eight of them (including thirty-two from Indonesia) were sponsored under the Colombo Plan.

Barr Smith Library: The total number of volumes in the Library at the end of 1958 was 219,889, accessions for the year being 10,801. The number of withdrawn volumes for the year was 297. Students and graduates borrowed for home-reading 45,476 books (including 1,513 reserved books borrowed overnight and at week-ends). The corresponding totals for 1956 and 1957 were 25,427 and 33,575 respectively. The number of external students in the Faculty of Arts who

joined the Country Lending Section was 80, and they borrowed 463 volumes by post. The number of volumes lent to libraries in other States increased to 1,210. From these libraries the Barr Smith Library borrowed 273 volumes.

Library—Waite Agricultural Research Institute: The library added 693 volumes during 1958, making a total number of 13,201 at the end of the year.

Evening Lectures: Evening lectures were given in the following subjects: Biology, Chemistry I, Commercial Law B, Comparative Philology, Cost Accounting, Economics I and III, Education, English I and III, Management Accounting, French I, Geography III, Geology I, German III, History I, IIB and III, Hygiene, Latin I, Philosophy I, Physics I, Politics I and IIIA, Psychology I and IA, Pure Mathematics I, Social Economics, and Theoretical Inorganic Chemistry (Pharmacy).

Department of Adult Education: The Board of Adult Education conducted 17 tutorial classes and 28 lecture classes at the University and 4 lecture classes in the suburbs. Three post-session lecture classes were held at the University, and the Director was assisted by 38 part-time tutors.

The seventh annual summer school for adults (7 days) was held at St. Ann's College, and conferences, seminars and week-end schools were held in the following subjects: business administration, school for bank managers, teaching of French, building of multi-storey flats, writing for press and radio, management accounting and business finance, choral school for C.W.A. members, local government, international affairs, automation, the film today, dramatic art, practical painting.

Lectures were given at Kingscote, Port Pirie, Port Augusta, Whyalla, Loxton, Bordertown, and Keith. A discussion group course on Spain was prepared for C.W.A. branches, and 31 groups within the branches participated. A trio from the Elder Conservatorium of Music visited four towns in the South-East. Four week-end schools in Dramatic Art and three week-end schools in practical painting were held in country towns.

Aggregate enrolments were as follows: Classes arranged jointly with the Workers' Educational Association and University extension courses, 3,025; special schools and seminars, 932; discussion groups, 274.

Public Examinations: The following numbers of candidates entered for the Public Examinations: 1,015 at the Supplementary Leaving Examination in February; 7,684 at the Intermediate Examination in November; 4,852 at the Leaving Examination in November; 880 at the Leaving Honours Examination. These numbers maintain the rapid rate of increase experienced in previous years, and reflect both the increasing number of boys and girls of secondary school age in the State and the growing tendency for them to stay longer at school. The latter is well illustrated by the fact that the increase in Leaving Examination entries in 1958 was 262 greater than the increase in

Intermediate entries in the previous year, while the number of Leaving Honours candidates increased by about one-third. The growth in the number of candidates for the Public Examinations since 1952 is shown in the following table, from which some idea of the trend of new enrolments at the University in the next few years may be obtained:

CANDIDATES AT PUBLIC EXAMINATIONS, 1952-1958

	1952	1953	1954	1955	1956	1957	1958
Intermediate	4,145	4,788	5,141	5,362	6,211	6,811	7,684
Leaving	2,093	2,380	2,782	2,872	3,250	3,990	4,852
Leaving Honours	354	428	426	531	597	664	880

The examinations were held in country towns and districts at 56 permanent and 31 temporary centres.

The public examinations in music of the Australian Music Examinations Board were held at intervals throughout the year. In South Australia there were 2,256 entries in theory and 4,484 in practice of music, 425 in musical perception, and 58 in speech and drama.

24. ADMISSION TO DEGREES

Degrees were conferred and diplomas were granted as follows:

At the Annual Commemoration Ceremony on April 2, 1958:

	Males	Females	Total
Degree of Doctor of Laws:			
<i>Ad eundem gradum</i>	1	—	1
Degree of Bachelor of Laws	13	2	15
Degree of Master of Arts	4	—	4
<i>Ad eundem gradum</i>	3	1	4
Honours Degree of Bachelor of Arts	12	10	22
Degree of Bachelor of Arts	20	13	33
<i>Ad eundem gradum</i>	4	—	4
Diploma in Arts and Education	16	23	39
Diploma in Education	16	6	22
Diploma in Physical Education	4	5	9
Degree of Master of Agricultural Science	1	—	1
Honours Degree of Bachelor of Agricultural Science	3	—	3
Degree of Agricultural Science	7	—	7
Degree of Master of Engineering	4	—	4
Honours Degree of Bachelor of Engineering	3	—	3
Degree of Bachelor of Engineering	32	—	32
Diploma in Social Science	1	6	7
Diploma in Physiotherapy	—	4	4
Degree of Doctor of Philosophy	3	—	3
<i>Ad eundem gradum</i>	4	—	4

At the Annual Commemoration Ceremony on April 9, 1958:

	Males	Females	Total
Degree of Doctor of Medicine - - -	-	-	-
<i>Ad eundem gradum</i> - - -	1	-	1
Degrees of Bachelor of Medicine and			
Bachelor of Surgery - - -	32	9	41
Degree of Bachelor of Medical Science -	1	-	1
Diploma in Pharmacy - - -	22	1	23
Degree of Master of Economics - -	1	-	1
Honours Degree of Bachelor of			
Economics - - -	4	1	5
Degree of Bachelor of Economics -	19	-	19
<i>Ad eundem gradum</i> - - -	2	-	2
Diploma in Public Administration -	8	-	8
Degree of Master of Science - -	8	2	10
Honours Degree of Bachelor of Science	23	4	27
Degree of Bachelor of Science - -	34	13	47
Degree of Bachelor of Music - - -	1	-	1
Diploma in Music - - -	1	5	6
Degree of Bachelor of Technology -	34	-	34
Degree of Doctor of Philosophy - -	11	-	11
<i>At a Meeting of the Council on Friday, May 30, 1958:</i>			
Degree of Doctor of Medicine - -	-	1	1
Degrees of Bachelor of Medicine and			
Bachelor of Surgery - - -	4	1	5
Degree of Bachelor of Dental Surgery -	1	-	1
Degree of Bachelor of Economics -	1	-	1
Degree of Bachelor of Engineering -	1	-	1
Degree of Bachelor of Technology -	5	-	5
<i>At a Meeting of the Council on Friday, December 19, 1958:</i>			
Degrees of Bachelor of Medicine and			
Bachelor of Surgery - - -	19	1	20
Degree of Bachelor of Dental Surgery -	1	-	1
Diploma in Physiotherapy - - -	3	14	17

Totals: 35 candidates were admitted to higher degrees by examination or thesis, 10 were admitted to such degrees *ad eundem gradum*; 324 bachelor degrees were conferred by examination and 6 by admission *ad eundem gradum*; and 135 diplomas were awarded.

ACCOUNTS

An abstract, duly signed, of the income and expenditure during the year 1958 is annexed to this report. There is also a further statement showing the actual position of the University with respect to its property, funds and liabilities at the close of 1958.

Signed on behalf of the Council,

Adelaide,
June, 1959.

Chancellor.

COMMEMORATION ADDRESSES

The Annual Commemoration ceremonies were held on April 1 and 8, 1959. In opening the proceedings on April 1, the Vice-Chancellor, Mr. H. B. Basten, said:

Mr. Chancellor, Mr. Deputy Chancellor, Members of the Council and Senate, Ladies and Gentlemen:

May I extend a cordial welcome to all who have come to our ceremony of commemoration and may I in particular say how greatly the University is honoured by the presence of the Premier of South Australia, Sir Thomas Playford, and Mr. O'Halloran, Leader of the Opposition, the Honourable the Attorney-General, the Honourable Ministers of Education, Lands and Works and other very distinguished guests.

There have been events of moment during the past academic year. Among them was the retirement of Mr. A. P. Rowe at the end of April. At Commemoration last year the Chancellor himself made a very notable review of Mr. Rowe's ten years of office as Vice-Chancellor, and you would not wish me to repeat his words. They have been printed in Part III of the University Calendar for the year.

Last September, the Council of the University decided to create a new office of Deputy Chancellor, and appointed the Honourable Sir George Ligertwood to be the first Deputy Chancellor. This it had the temerity to do in Sir George's absence and without his consent, relying on his known goodwill towards the University and its eccentricities. Happily, Sir George did consent, and later this afternoon he will perform his first public act as Deputy Chancellor. The chief duty of the Deputy Chancellor is to do, at the request or in the absence of the Chancellor, all things which the Chancellor himself is empowered to do.

When the Council created this office, it brought the University into conformity with most Universities similar in size and origin to our own. When it appointed Sir George to be the first Deputy Chancellor, it made grateful recognition of the bountiful way in which he has given both time and wise counsel to the affairs of the University for many years.

During much of 1958, before I was appointed Vice-Chancellor in October, and much of 1957, while Mr. Rowe was abroad, it fell to Sir Mark Mitchell to act as Vice-Chancellor. He performed the Vice-Chancellor's duties while continuing to teach in and administer the Department of Biochemistry; and he performed them with patience, distinction and unflagging devotion to the interests of the University. The period during which he acted was one of many unusual difficulties; it included the visitation of Sir Keith Murray and the Committee over which he presided; it was marked by the beginning of the sharp rise in the number of students; and it saw the initial and therefore, perhaps, most difficult stage of the planning of a building programme to meet our impending growth. The University recognises with gratitude its debt to Sir Mark Mitchell.

Not all the events of the year have been happy. I must report the death of Mr. Eardley, whose kindly figure was sometimes seen in these precincts even until his last illness. He joined us in 1900 and was Registrar from 1924 to 1944. Sir Darcy Cowan, for a long time lecturer in the Medical School and very active in the founding of the University Health Service, also died in 1958. Charles Jury, poet, playwright and Jury Professor of English from 1946 to 1949, died in the same year. He was a great scholar, not only in English Language and Literature, but also in the Literature of Ancient Greece. These men died after long fruitful lives; but Dr. Nossal, Reader in Biochemistry, who had shown such promise in research, died at the threshold of his best years.

One more loss we suffered in 1958; that of Sir Douglas Mawson, in October. He was known to the wide world as a great explorer, perhaps the last of his heroic kind. In the University, he was also known as a great scientist and teacher and as one who, to the very end, was devoted to the University of Adelaide and the ideals which it shares with all Universities.

To the families and friends of all these men whose worth we knew, we offer deep sympathy.

Retirement has removed from our active life, but not from our society, some valued friends. Professor Sanders, who was Elder Professor of Mathematics for nearly fifteen years, retired at the end of 1958. Even before he was appointed to the chair, he had made a sustained contribution to the work of the Department of Mathematics. But I hope that his general contribution to the life of the University will also be remembered. From 1947 to 1955—years of great growth and many difficulties—he served as Chairman of the Public Examinations Board. The remarkable success of the Board in expanding its work to meet the needs of an ever-rising flood of children, must be attributed greatly to his leadership. Professor Campbell, our first Professor of Dental Science, who retired in December, was also distinguished for his work in a wider field than his own faculty. After many years as Director of the Dental School, he became Professor when the Chair was created in 1954. But beginning with a strong leaning towards research in Dental Science, he developed anthropological interests and has contributed a great deal to the eminence of this University in Australian anthropology. Both on him and on Professor Sanders, the title of Professor Emeritus has been conferred. Dr. Burdon, Reader in Physics, who also retired last year, made for himself so great a reputation as a teacher, that his contribution to new knowledge is sometimes overlooked. Despite the fact that so many generations of students remember him for his teaching and his gracious disposition, he found time during his 36 years of service to perform research with results of lasting importance. Another who had an even longer association with the University is among those who retired last year. Mr. George Pearce, after 40 years of teaching in the Conservatorium of Music, no longer teaches there.

We wish him, and Dr. Burdon, and Professors Campbell and Sanders, tranquillity and happiness in their retirement, but we hope they will not absent themselves from our company.

There have been gains, however, as well as losses. We welcome warmly Professor Morris to the Bonython Chair of Laws; Professor Barnes to the Elder Chair of Mathematics, and Professor Horsnell to the Chair of Dental Science. In their different tasks, they will, I am sure, lend distinction to the University and make great contributions to its work.

During 1958, the University created or filled for the first time a number of new Chairs. One was in Geography and this was filled by the appointment of Professor Lawton. He is well known to us all and I do not propose to welcome him, but rather congratulate him warmly on his appointment. Other Chairs newly created or filled were in Surgery, Obstetrics and Gynaecology, Microbiology, Child Health and Psychology. For the creation of the Chair in Microbiology, the University is greatly indebted to a group of benefactors. Led by Mr. Roland Jacobs, they have donated or promised a very substantial sum which will support the Chair for a number of years. This Chair and the Chairs of Child Health and Psychology are not yet filled. But in the Chair of Obstetrics and Gynaecology, we have already Professor Cox and in that of Surgery, Professor Jepson. They are both most welcome additions to our society. They came here with very distinguished records, and it is already apparent that they will greatly strengthen the Medical School.

I wish I could mention by name other colleagues who have left us or joined us during the year. Time prevents, but I should like each of them to know that the University gives its warmest good wishes to those who have gone and a very cordial welcome to those who have joined its ranks.

You will realise that 1958 has been a year of considerable expansion not only in the number of students, which rose by about nine per cent., but also in the strength of our staff. And that is not all. The University is better provided with equipment than it was twelve months ago. We shall, of course, be hard pressed by the rising number of students in the years to come. We shall still need more staff and more equipment, but the progress of the year has been encouraging. We have, moreover, been able, during 1958, to make plans for the erection of new buildings which should, as they come into being, keep pace with the influx of students for some five or six more years.

For these developments to be possible, two requisites had to be satisfied. First a survey of the needs of Australian Universities, of a kind which would command public confidence. This was provided by the Committee over which Sir Keith Murray presided. Then, a willingness of Governments to provide the money. The sums were beyond the resources of any State's Treasury. We are much indebted to the Commonwealth Government for its timely aid; but we do not forget that most of the aid provided by the Commonwealth Treasury was conditional upon the State Governments providing still larger sums. The Government of South Australia met this condition in 1958 without demur and our very cordial thanks are due to it.

May I now turn to the chief purpose of this congregation which is to witness the conferment of degrees? Many of you, who are about to receive your first degrees, may be able to recall the occasion on which, as Freshers, you sat in this hall. Between that day and this, you have completed with success all the work required for your Degrees. But you have done and suffered a great deal more than that. During the intervening years you have grown to maturity amid the varied influences of life in a University; and the University for better or worse has done something to mould your minds. I hope it has done much, because, as you grow older and bear increasing responsibilities, those particular gifts which a University ought to bestow become more and more precious. The gifts of knowledge and the ability to think clearly are a great strength when responsibilities have to be borne. They also open to you a world of intellectual recreation.

It would be very foolish if I were to suggest that only a University can offer these gifts. Other forms of experience can give a man knowledge and the power to think clearly. But you have been students and are about to become graduates of the University of Adelaide, and these are the gifts which I hope the University has bestowed on you. And you may find that they count for as much as any degree. We offer you every good wish on the occasion of your graduation for your future happiness and success.

May I add to these good wishes a word of farewell to those who will return to their homes overseas. We shall remember, in the years to come, and we hope that you will remember that you are graduates and members of the University of Adelaide. We hope you will bear affection for the University not merely because we wish to have good relations with our northern neighbours, but more particularly because we have come to know you as individuals and feel that in your going we lose the company of friends.

The ceremony of Commemoration in which we are engaged today, is no ordinary occasion. Our own Chancellor, whom we hold in such strong affection and respect, is to receive the Degree of Doctor of Laws in his own University. For eleven years he has presided over our counsels and has given us generously of the wisdom which is the fruit of rich experience and of grave responsibilities, long and honourably borne. We need in our Chancellor the qualities of wisdom and understanding, tolerance, patience and modesty. And we have found none of them wanting in him. That is why he has lent such dignity to the University and why we hold him in such high regard.

But long before he became our Chancellor, he was among our most distinguished graduates; and in the many high offices he has held, he has never forgotten his own University or failed in affection for it. It is right that he should know that we hold him in no less affection.

The ceremony of April 8, opened with the admission *ad eundem gradum* to the Degree of Doctor of Science of Sir Ronald Aylmer Fisher, F.R.S., and Hedley Ralph Marston, F.R.S. Dr. Marston then addressed the congregation as follows:—

Mr. Chancellor, Mr. Vice-Chancellor, Members of the University of Adelaide, Ladies and Gentlemen:

In these days of anxiety, those of us constrained by weary-eyed hope to scan the near horizon of Time, are repelled, aghast, by a terrifying vision close upon us and virtually across the path we are taking. Here is no symbolic pillar of smoke, scented with myrrh and incense, but a power that could in malignant hands, destroy in a split second all we have learned to cherish; and more leisurely wither all life that might escape the mercy of its direct blast.

A few of us, moved by curiosity to steal another glance, discover that this great force, if tamed, has in it promise which could challenge and remove want, a source of the terror basic to another disturbing shadow cast ahead. As if to stress that modern morals as well as modern science can spring a surprise, conscience, aware and shocked by the grosser inequalities of life and property, has evolved a new philosophy of government in which many of us find a strong flavour of peril.

Ample precedents of the mutability of philosophies of government, allay our fears, for in the course of time, man's spiritual and intellectual resilience will surely mould this latter shadow into a more universally desirable form.

There is, however, no precedent to guide man in his control of nuclear energy; the problems which this entails are unique, as one false step in the wielding of this power could readily lead to the physical annihilation of all mankind.

There are no reassuring signs that mankind's collective mind has yet evolved to a stage that could provide a universally acceptable, basic moral formula which would render war, of any sort, unthinkable: so, for as long as differences in opinion continue to exist between nations, we must pray that wars, if waged, will be of the cold variety, not of the variety which could scorch all life on this planet.

But these things are apparent to you. I recall them here merely to point the way to the few words I've been invited to say on this occasion about the impact of the new technology upon Universities, for it is a fear of these dangers ahead that has catalysed interest in higher technological training.

Among the activities stimulated principally by the unsettled state now prevailing in world affairs, there has been a sudden realisation that both our economic future and our security will depend upon highly developed technical knowledge; and that our existence, in the world that is to be, will rely essentially upon suitably trained scientific and technical personnel that must be produced in great numbers without delay.

This has created a major and revolutionary problem for our Universities. Besides the greatly enhanced call for research scientists, awakened by an ever-widening appreciation of the importance of their industry, a virtual state of emergency, now demands, somewhat stridently, that provision be made for more and more scientists and technologists to be trained in a vast range of new technical

skills, extending in scope from those required in biochemical engineering—hitherto sadly neglected—to those necessary, say, to programme a computer, or to design a nuclear-reactor; all of which activities call for a greater depth of scientific learning than hitherto considered necessary in the applied arts.

In most British communities, the Universities are the only establishments which have fostered higher learning in the pure sciences and in the cognate faculties of medicine, agriculture and engineering. The new demands have found academic institutions unprepared, though not unwilling, to extend their curricula to embrace the rapidly changing national requirements.

Expansion, *bred essentially of fear*, is at present very much in the air and is moving at breath-taking speed. Little time has been afforded to consider whether University training, as it is generally recognised, is, in fact, required, or whether the demand might better be met by an expedient, to be adopted temporarily until institutions are evolved to meet more directly the requirements of this autocatalytic increase in the tempo of industrial development.

The decisions that must be made, and made at once before it is too late, are, I think, of very grave moment to the future of Universities and so to the physical, intellectual and moral progress of mankind.

The principal beneficence of a University is that it stimulates an appetite for knowledge and understanding, which in the science faculties stimulates, in turn, the search for new knowledge—among which accrues, quite incidentally, basic scientific knowledge of the sort upon which all modern technology is based. The milieu of a University is thus essentially different from the eminently practical atmosphere of technology.

Dare we then, precipitately and indiscriminately dilute this rare medium with activities that are foreign to it, without fear of disturbing the nice balance of freedoms and disciplines which comprises the ethos and strength of a University?

Recent expansions within the Universities' own sphere have themselves entrained serious problems contingent upon imbalance. Having attracted minds capable of original thought—and there are not many of these—Universities, like Governmental Research Organizations, seem now to be at pains to contrive never-ending streams of trivial, house-keeping duties which frustrate and render ineffective the capacity for production of new knowledge in all but a very few individuals who retain an unassailable inner-urge of curiosity.

This tendency to dilute worthy effort should be stemmed. The hard-won heritage of freedom in which individual minds flourish and yield prolific harvest is a precious one which should be guarded jealously—for, while individualism has its dangers, the individual mind—in some circumstances at least and certainly within a University—may be infinitely more competent than the conjoint mind of a committee: in it is a power for good for which there is no substitute at the conference table.

To my inexpressible dismay, Mr. Chancellor, I find myself drifting along a course that I had hoped to avoid: I realise that I'm perilously near guilty of giving advice—imperative advice, in fact—a most ungracious industry, for which I apologise.

With my apology I offer a prayer that this University will turn its face steadfastly against bribes for expansion which will entail any degree of regimentation, for such are fatally opposed to creative spirit. I pray that when stresses are applied, and they certainly will be, those who have the welfare of the University at heart might seek guidance from Nature, and recall that when the cytoplasm of a cell increases to an extent at which adequate control of its metabolic activity can no longer be exercised by its nucleus, the cell divides by binary fission. There is likewise an optimum size for a University if its attendant spirits are to effectively inspire and nourish its community.

The expanding sphere of higher learning now necessary in the practical arts must, and certainly will, intersect the sphere of learning that is the unalienable prerogative of Universities; and through the resulting sector of common interests the stream of new knowledge arising from the font of pure science should flow efficiently to nourish and refresh the fields of industry. No doubt, more and more scientists and technologists will be attracted to this common ground between concept and production and some will stand astride them both to the benefit and glory of each of these spheres of human endeavour. The natures of the training grounds and of the duties of these spheres are, however, essentially different, and, apart from a solid arc of intersection where common interests meet, each should remain distinct, retaining a purpose and dignity of its own.

A few months ago, during an illness that kept me expensively recumbent for several weeks in a New Jersey hospital, I read, in one of the many fine books placed by friends at my bedside, a passage that penetrated deeply into my memory, though, at the time, heavy drugging had stolen most of my mind—so much so that I am ashamed to say I cannot recall the author's name to acknowledge here my indebtedness.

I'd like, however, to share with you a line of thought initiated by a passing reference to the Royal Navy's Articles of War in which the author was impressed to find at the end of as long a list of "thou shalt nots" as any extant since Moses invented lithography to publish the short list of prohibitive commandments, one of particularly wide scope.

Their Lordships of the Admiralty, having catalogued in their Articles every misdemeanour under the sun of which sailors are capable, and noting appropriate penalties, were still fearful that British Mariners might, in their unfailing ingenuity, contrive new sins from time to time. These latter their Lordships denounced in a comprehensive description as "*any scandalous action in derogation of God's honour or corruption of good manners.*"

Surely, here is a phrase that could replace and immeasurably simplify *all* penal codes—if only the constabulary could be taught nice judgment of good manners, and our justices learn a broad yet stringent, generous but exacting, definition of honour.

Search for ways to effect the economy implied in this perfect prohibitive—"Thou shalt commit no scandalous action in derogation of God's honour or corruption of good manners"—could properly be the central object of study in any University, worthy of its name, for there, undoubtedly, in the course of defining God's honour, wise law-makers would seek the guidance of scientists who are knowledgeable of the laws of Nature, and who are fully aware that tolerance and altruism, the noblest products of evolving mind, are now, *as never before*, essential characteristics for survival of Mankind.

I feel that this search might not be such a proper project for a Technological Institute.

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Financial Statements

1958

THE UNIVERSITY

*Income and Expenditure Account for***INCOME****NORTH TERRACE**

	<i>Schedule</i>	£	1958 £	1957 £
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the				
University Act		39,000		39,000
Grant for 1958		879,600		734,000
Surplus from 1957 made available in 1958		1,721	(Def.)	13,515
		<u>920,321</u>		<u>759,485</u>
Commonwealth Emergency Grant		126,400		—
			1,046,721	759,485
<i>Interest—</i>				
Commonwealth Inscribed Stock		13,935		13,828
Treasury of South Australia		5,724		3,863
Mortgage Advances		3,928		4,059
Investment Interest		1,309		1,117
		<u>24,896</u>		<u>22,867</u>
Less Interest Credited to Special Funds	M	10,255		7,939
			14,641	14,928
<i>Dividends on Shares</i>			15,436	17,958
<i>Student Fees</i>	N		130,421	124,391
<i>Other Income</i>	O		27,163	26,008

<i>Deficit—1958</i>		8,869	
Total North Terrace—Carried Forward		<u>£ 1,243,251</u>	<u>£ 942,770</u>

OF ADELAIDE

year ended 31st December, 1958

EXPENDITURE

NORTH TERRACE

	Schedule	£	1958 £	1957 £
<i>Departmental—</i>				
Salaries and Wages	A	670,749		538,700
Travelling Expenses—New Appointments		18,914		10,373
Faculty Expenses	B	13,852		15,858
Laboratory Maintenance Grants	A	40,804		35,358
Equipment and Furniture under £1,000	A	74,825		40,685
Equipment and Furniture over £1,000	A	32,086		—
			851,230	640,974
<i>Library—</i>				
Salaries		30,387		24,899
Books and Binding		28,942		18,046
			59,329	42,945
<i>Administrative Salaries</i>			58,931	51,491
<i>Research—</i>				
Salaries	A	25,934		23,289
Equipment	A	8,545		7,187
Maintenance	A	17,327		11,756
Travelling Expenses	A	4,240		2,947
			56,046	45,179
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		33,156		28,887
Building Repairs	C	27,248		20,904
Maintenance of Site and Grounds		6,160		6,573
Maintenance of Sports Ground		5,492		5,224
			72,056	61,588
<i>University College Scholarships</i>			6,500	6,500
<i>Sundry—</i>				
Payroll Tax		19,646		15,725
Scholarships and Prizes	D	6,346		5,671
General Expenses—Printing, Stationery, Miscellaneous	E	31,134		30,538
Gas, Water, Electricity, Insurance	F	23,690		20,907
Special Grants	G	5,302		5,550
Study Leave	H	12,449		7,931
Supplementary Superannuation Retiring Allowances		15,659		6,051
			114,226	92,373
<i>Minor Building Projects over £1,000</i>	I		24,933	—
<i>Surplus—1957</i>				1,720
Total North Terrace—Carried Forward			£1,243,251	£942,770

THE UNIVERSITY

*Income and Expenditure Account for the***INCOME****WAITE AGRICULTURAL RESEARCH INSTITUTE—**

	<i>Schedule</i>	£	1958 £	1957 £
<i>Government Grants—</i>				
H.M. Government of S.A.—Under the				
University Act ...		5,000		5,000
Grant for 1958		211,000		148,000
Surplus from 1957 made available in 1958		460		2,229
			216,460	155,229
<i>Interest</i>	P		11,290	13,396
<i>Other Income</i>	Q		2,620	4,853

Total Waite Institute	230,370	173,478
Total North Terrace—Brought Forward	1,243,251	942,770
TOTAL NORTH TERRACE AND WAITE INSTITUTE	£ 1,473,621	£ 1,116,248

W. MEIKLEJOHN,
Assistant Registrar (Finance).

We report that we have duly audited the various Books of Account and other records relating to the Income and Expenditure of the University of Adelaide, in respect of the year which ended on the 31st day of December, 1958, and do certify the above statement to be a correct abstract of such Income and Expenditure during the period

OF ADELAIDE

year ended 31st December, 1958—Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE—

	Schedule	£	1958 £	1957 £
<i>Departmental—</i>				
Salaries and Wages	J	107,480		84,844
Travelling Expenses—New Appointments		1,311		618
Faculty Expenses		1,267		1,372
Laboratory Maintenance Grants	J	11,991		9,990
Equipment and Furniture under £1,000	J	28,931		14,103
Equipment and Furniture over £1,000	J	2,889		—
			153,869	110,927
<i>Library—</i>				
Salaries		1,750		1,083
Books and Binding		3,382		2,629
			5,132	3,712
<i>Administrative Salaries</i>			17,491	14,356
<i>Maintenance of Property—</i>				
Caretakers' and Cleaners' Wages		3,650		2,818
Building Repairs	K	7,073		9,242
Maintenance of Site and Grounds		3,409		1,639
			14,132	13,699
<i>Sundry—</i>				
Payroll Tax		3,462		2,640
General Expenses — Printing, Stationery,				
Miscellaneous	L	12,146		8,616
Gas, Water, Electricity, Insurance		5,704		4,334
Study Leave		2,175		1,955
			23,487	17,545
<i>Farm—</i>				
Wages (including Gardeners)		10,947		10,635
Maintenance		1,305		1,876
Equipment		401		268
			12,653	12,779
<i>Surplus—1958</i>			3,606	460
Total Waite Institute			230,370	173,478
Total North Terrace—Brought Forward			1,243,251	942,770
TOTAL NORTH TERRACE AND WAITE INSTITUTE			£ 1,473,621	£ 1,116,248

named. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University but not payable on the said 31st day of December, 1958.

R. M. STEELE, Chartered Accountant (Aust.)

E. F. HUNWICK, Chartered Accountant (Aust.)

Auditors.

Adelaide, 13th May, 1959.

1958 INCOME AND EXPENDITURE ACCOUNT—SUPPORTING SCHEDULES

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Classics	14,079	—	179	—	1,575	300	180	108	16,421
Philosophy	9,865	—	103	—	593	—	—	70	10,631
Psychology	11,199	1,012	2,275	—	1,273	163	65	64	16,051
Political Science	9,547	—	71	—	—	—	—	73	9,691
History	19,508	—	408	—	—	16	39	201	20,172
English	20,409	—	228	—	650	—	30	218	21,535
French	11,153	—	78	—	—	—	—	—	11,231
German	6,715	—	76	—	—	—	121	350	7,262
Geography	11,416	693	437	—	977	—	52	597	14,172
Education	2,745	—	—	—	—	—	—	—	2,745
Economics	20,034	—	186	—	724	—	—	85	21,029
Commerce	8,162	—	68	—	—	—	10	54	8,294
Physics	39,152	3,358	4,168	1,501	2,642	1,145	1,582	248	53,796
Organic Chemistry	18,994	3,344	1,083	3,170	1,330	433	3,054	—	31,408
Physical and Inorganic Chemistry	25,653	7,389	7,534	5,603	1,100	1,637	3,428	58	52,402
Mathematics	25,230	—	557	—	500	—	—	—	26,287
Mathematical Physics	6,536	—	—	—	—	—	—	47	6,583
Geology	24,181	1,168	1,405	1,243	1,163	532	211	228	30,131
Economic Geology	5,596	466	1,050	—	—	—	5	—	7,117
Botany	18,528	1,649	2,564	—	1,694	77	925	444	25,881
Zoology	23,859	2,151	5,815	—	3,402	890	896	731	37,744
Biology	5,548	—	—	—	—	—	—	—	5,548
Genetics	12,552	1,068	1,125	—	650	263	113	99	15,870
Biochemistry	10,672	985	3,645	6,086	917	91	703	—	23,099
Physiology	23,691	2,049	2,830	—	—	527	699	—	29,796
Bacteriology	13,828	1,702	2,039	1,468	2,031	265	269	—	21,602
Pathology	25,732	1,723	820	—	—	—	—	—	28,275
Carried Forward	£424,584	£28,757	£38,744	£19,071	£21,221	£6,339	£12,382	£3,675	£554,773

A.

DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£424,584	£28,757	£38,744	£19,071	£21,221	£6,339	£12,382	£3,675	£554,773
Anatomy and Histology	21,478	514	653	—	—	—	—	—	22,645
Medical & Surgical Studies	21,765	1,541	3,217	—	—	—	—	—	26,523
Surgery	1,401	2	2,580	—	—	—	—	—	3,983
Obstetrics	8,725	208	235	—	—	—	—	—	9,168
Dentistry	20,871	468	1,601	—	—	189	144	193	23,466
Law	10,963	—	596	—	116	—	13	164	11,852
Music	11,751	—	—	—	—	—	—	—	11,751
Elder Conservatorium	21,926	—	420	—	—	—	—	—	22,346
Civil Engineering	27,517	1,830	1,934	7,200	137	819	521	—	39,958
Mechanical Engineer- ing	22,120	1,338	2,699	—	—	370	128	—	26,655
Electrical Engineering	19,263	1,493	11,639	—	756	109	1,511	86	34,857
Mining Engineering	19,346	1,706	1,722	—	100	393	1,205	35	24,507
Architecture	8,682	240	1,475	—	—	—	—	—	10,397
Social Science	8,529	5	148	—	—	—	—	—	8,682
Physiotherapy	4,694	23	47	—	—	—	6	—	4,770
Pensions & Gratuities	6,990	—	—	—	—	—	—	—	6,990
Overseas Scholarships	—	—	—	—	—	—	—	—	—
In Arts & Economics	3,022	—	—	—	—	—	—	—	3,022
Physical Education	6,744	—	231	—	—	—	—	—	6,975
Optometry	378	—	—	—	—	—	—	—	378
Agricultural Chemistry	—	—	—	—	1,866	261	823	—	2,950
Plant Pathology	—	—	—	—	225	65	20	87	397
Entomology	—	—	—	—	967	—	—	—	967
Plant Physiology	—	—	—	—	321	—	39	—	360
Agronomy	—	—	—	—	225	—	—	—	225
Books—For Research Purposes	—	—	—	—	—	—	319	—	319
Printing—Research	—	—	—	—	—	—	216	—	216
Carried Forward	£670,749	£38,125	£67,941	£26,271	£25,934	£8,545	£17,327	£4,240	£859,132

A. DEPARTMENTAL FUNDS EXPENDED—NORTH TERRACE—Continued

DEPARTMENT	Salaries & Wages	Laboratory Maintenance Grants	Equipment & Furniture		RESEARCH				TOTAL
			Under £1000	Over £1000	Salaries	Equipment	Maintenance	Travelling Expenses	
Brought Forward	£670,749	£38,125	£67,941	£26,271	£25,934	£8,545	£17,327	£4,240	£859,132
Botany—Koonamore	—	159	—	—	—	—	—	—	159
Animal House—Darling Building	—	515	31	—	—	—	—	—	546
Animal House—Medical Building	—	487	182	—	—	—	—	—	669
Engineering Survey Camp	—	587	—	—	—	—	—	—	587
Engineering Workshop	—	945	133	—	—	—	—	—	1,078
Maintenance Workshop	—	—	—	1,315	—	—	—	—	1,315
Medical Workshop	—	—	333	—	—	—	—	—	333
Registrar's Dept.	—	—	1,390	—	—	—	—	—	1,390
Barr Smith Library	—	—	1,273	—	—	—	—	—	1,273
Maintenance Dept.	—	—	287	—	—	—	—	—	287
Carpenters' W/Shop	—	—	1,179	—	—	—	—	—	1,179
Electrical Maintenance Workshop	—	—	109	—	—	—	—	—	109
Photo Service	—	—	183	—	—	—	—	—	183
Caretakers	—	—	113	—	—	—	—	—	113
Optical Workshop	—	—	601	—	—	—	—	—	601
Plumbers' Workshop	—	—	22	—	—	—	—	—	22
Electronic Workshop	—	—	59	—	—	—	—	—	59
Bonython Hall	—	—	36	—	—	—	—	—	36
Medical Humanities	—	—	32	—	—	—	—	—	32
Vice-Chancellor's Residence	—	—	921	—	—	—	—	—	921
Waite Institute	—	—	—	4,500	—	—	—	—	4,500
Bulk Alcohol and Methylated Spirits (Credit)	—	(Cr) 14	—	—	—	—	—	—	(Cr) 14
£	670,749	40,804	74,825	32,086	25,934	8,545	17,327	4,240	874,510

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

EXPENDITURE

NORTH TERRACE

	£
B. Faculty Expenses—	
Arts—Printing and Stationery	1,002
" Advertising	597
" Additional Examiners and Supervisors	24
" Sundries	37
" Sundries (Classics)	1
" " (Philosophy)	24
" " (History)	80
" " (English)	87
" " (French)	34
" " (German)	123
" " (Political Science)	5
Education—Advertising	84
" Sundries	4
Economics—Printing and Stationery	144
" Advertising	164
" Sundries	107
Science—Printing and Stationery	964
" Advertising	702
" Additional Examiners and Supervisors	237
" Sundries	1
" " (Mathematics)	51
" " (Mathematical Physics)	43
Medicine—Printing and Stationery	100
" Advertising	436
" Additional Examiners and Supervisors	1,532
Dentistry—Printing and Stationery	94
" Advertising	183
" Additional Examiners and Supervisors	10
Law—Printing and Stationery	96
" Advertising	161
" Additional Examiners and Supervisors	164
" Sundries	119
Music—Printing and Stationery	119
" Advertising	129
" Additional Examiners and Supervisors	55
" Sundries	11
" Tuning and Repairs	61
Music Festival	265
Conservatorium—Printing and Stationery	74
" Advertising	4
" Additional Examiners and Supervisors	1
" Sundries	219
" Tuning and Repairs	191
" Library	511
" Scholarships	151
" Australian Music Festival	22
" Hire of Music	3 Cr.
Carried Forward	9,220

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

EXPENDITURE

	£	£
Brought Forward	9,220	
Concerts—Printing and Stationery	100	
" Advertising	279	
" Assistant Artists	151	
" Caretakers and Ushers	100	
Engineering—Printing and Stationery	488	
" Advertising	612	
" Additional Examiners and Supervisors	5	
" Sundries	2	
Social Science—Printing and Stationery	37	
" " Advertising	16	
" " Sundries	42	
Physiotherapy—Printing and Stationery	70	
" Advertising	13	
" Sundries	4	
Commercial Studies—Printing	88	
" " Advertising	15	
" " Sundries	30	
Technology—Printing and Stationery	343	
" Additional Examiners and Supervisors	5	
Examination Expenses — Degree and Diploma	1,499	
Sundry Faculty Expenses	60	
Physical Education—Printing	55	
" " Advertising	38	
" " Sundries	580	
		<u>13,852</u>

C. Building Repairs—

General	949
Administration Building	1,746
Elder Conservatorium	584
Bonython Hall	152
Prince of Wales Building	3,728
W.E.A. Bookroom	90
The Jarrah Building	332
Old Anatomy Building	1,445
Physics Building	2,558
Darling Building	595
Darling Animal House	401
Observatory	16
Union Building	957
Johnson Laboratories	2,363
Caretaker's Residence	14
Benham Building	1,599
Barr Smith Library	1,191
Arts Building	1,745
Main Engineering Building	1,445
Mechanical Engineering Building	1,511
Medical Building	3,256
Mawson Laboratories	570
Vice-Chancellor's House	1
	<u>27,248</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

EXPENDITURE

D. SCHOLARSHIPS AND PRIZES — 1958

NAME	Opening Balance 1/1/58	Income	Expenditure	Closing Balance 31/12/58
Angas Engineering Scholarship ..	729 2 9	144 8 0	290 16 0	582 14 9
John Howard Clark Prize ..	102 5 8	18 8 8	20 0 0	100 14 4
Stow Prizes & Scholarship ..	9 2 4	19 8 2	60 0 0	— *
Everard Scholarship ..	37 1 2	31 19 5	30 0 0	39 0 7
Eric Smith Scholarship ..	— *	20 11 8	—	20 11 8
Archibald Mackie Bursary ..	5 19 4	3 7 2	—	9 6 6
Roby Fletcher Prize ..	6 2 2	5 1 4	10 0 0	1 3 6
Dr. Davies Thomas Scholarships ..	18 0 0	19 0 0	30 0 0	7 0 0
Hartley Studentships ..	10 0	19 0 0	37 10 0	— *
Joseph Fisher Medal & Lecture ..	441 6 6	45 11 1	26 14 6	460 3 1
Tinline Scholarship ..	1 2 7	31 13 4	21 0 0	11 15 11
David Murray Scholarship ..	1,238 13 6	100 3 10	75 0 0	1,263 17 4
John Bagot Scholarship ..	419 10 8	29 2 8	20 0 0	428 13 4
Bundey Prize ..	23 11 0	7 1 10	—	30 12 10
John Creswell Scholarships ..	138 6 7	45 10 8	—	183 17 3
Alexander Clark Memorial Prize ..	50 18 6	9 13 10	—	60 12 4
Lister Prize ..	1 6 1DR	3 3 4	10 4 0	— *
John Lorenzo Young Scholarship ..	132 7 9	13 13 8	—	146 1 5
John L. Young Scholarship ..	473 1 3	46 6 6	10 0 0	509 7 9
Dr. Charles Gosse Lectureship ..	176 12 11	41 4 0	4 6	217 12 5
Eugene Alderman Scholarship ..	54 13 7	25 1 3	37 0 0	42 14 10
Ernest Ayers Scholarship ..	478 3 1	54 5 7	—	532 8 8
George Thompson Bursary ..	— *	4 15 0	—	4 15 0
Bonython Prize ..	— *	—	—	—
Rennie Scholarship ..	40 2 7	11 6 2	—	51 8 9
Fred Johns Scholarship ..	1,188 14 9	85 3 0	—	1,273 17 9
Archibald Watson Prize ..	9 16 7	5 14 0	—	15 10 7
T. G. Wilson Travelling Scholarship ..	483 12 0	94 9 10	—	578 1 10
R. W. Bennett Prizes & Medals ..	45 10 4	16 15 8	16 0 0	46 6 0
Sir Robert Chapman Prize ..	20 16 0DR	39 17 0	10 10 0	8 11 0
Ann Florence Booth Prize ..	21 6 9	24 8 4	—	45 15 1
William Gardner Scholarship ..	64 13 10	64 17 0	64 14 0	64 16 10
Shorney Prize ..	251 1 9	39 11 1	4 6	290 8 4
Lucy Josephine Bagot Prize ..	19 7 8	15 19 2	15 0 0	20 6 10
The Angas Parsons Prize ..	151 16 10	33 6 4	—	185 3 2
Selbourne Moutray Russell Scholarship ..	52 8 10	33 6 4	33 12 0	52 3 2
Varley Scholarship ..	102 11 8	34 18 6	33 12 0	103 18 2
Barr Smith Prize ..	25 6 8	5 10 10	—	30 17 6
Andrew Scott Prize ..	1 5 8	3 12 10	6 0 0	— *
James Gartrell Prize ..	2 13 4	6 6 8	10 0 0	— *
Tormore Prize ..	24 1 7	4 13 8	6 0 0	22 15 3
M. Rees George Memorial Prize ..	51 15 11	7 15 10	6 0 0	53 11 9
Jefferis Memorial Medal ..	38 8 11	2 13 10	3 7 6	37 15 3
Tate Memorial Medal ..	8 7	1 18 0	—	2 6 7
Cablemakers Association Prize ..	10 10 0DR	—	10 10 0	21 0 0DR
Lokan Prize ..	3 10 0	3 5 6	—	6 15 6
B.M.A. (Section of Clinical Medicine) Prize ..	5 14 11DR	5 14 11	—	—
Roche Products Prize ..	—	20 0 0	20 0 0	—
Australian Dental Asscn. Prize ..	10 10 0	—	10 10 0	—
St. Alban Scholarship ..	20 10 0DR	19 15 0	—	— *
League of Nations Prize ..	116 4 6	6 16 10	—	123 1 4
Wyeth Prize in Obstetrics ..	—	60 0 0	20 0 0	40 0 0
Thornber Bursary ..	29 11 5	14 8 10	36 13 4	7 6 11
Keith Sheridan Prize ..	284 7 7	23 6 3	—	307 13 10
Mining & Metallurgical Bursaries ..	—	360 0 0	360 0 0	—
E. W. Way Lectureship ..	— *	14 19 6	—	— *
Tennyson Medals ..	2 9 10	3 4 8	18 0	4 16 6
Elder Prize ..	10 0 0DR	—	10 0 0	— *
Robert Whinham Prize ..	— *	2 13 2	5 0 0	— *
Hardwicke College Prize ..	16 8	3 3 4	3 0 0	1 0 0
Wav College Prize ..	6 4 2DR	6 6 8	5 17 0	— *
Carried Forward ..	£7,484 4 5	£1,814 9 9	£1,365 17 4	£8,006 11 5

THE UNIVERSITY OF ADELAIDE

D. Schedules—Income and Expenditure Account, 1958—Continued

NAME	Opening Balance 1/1/58	Income	Expenditure	Closing Balance 31/12/58
Brought Forward	£7,484 4 5	£1,814 9 9	£1,365 17 4	£8,006 11 5
Annie Montgomerie Martin Prize ..	11 5 6DR	4 15 0	5 10 0	— *
Justin Skipper Prize	34 11 4	5 17 2	—	40 8 6
J. E. Jenkins S/Ships £1,978 14 8 less capitalized £1,975 0 0	3 14 8	220 17 6	200 1 0	24 11 2
Gladys Lloyd Thomas Scholarship ..	6 3 10	16 0 6	16 16 0	5 8 4
James Barrans Scholarship	164 5 6	99 0 1	90 0 0	173 5 7
Australian Association of Accountants Prize	—	60 0 0	45 0 0	15 0 0
S.A. Chamber of Manufactures Prize No. 1	21 0 0DR	31 10 0	10 10 0	—
Elsie Marion Cornish Prize	25 14 11	8 10 4	7 7 0	26 18 3
S.A. Chamber of Manufactures Prize No. 2	29 10 0DR	39 10 0	10 0 0	—
Dental Board of S.A. Prize	—	15 15 0	15 15 0	—
Evening Studentships	— *	38 12 8	—	— *
Anders & Reimers Scholarships	184 6 8	29 17 10	21 0 0	193 4 6
Sir Archibald Strong Memorial Prize ..	160 5 9	20 18 0	—	181 3 9
Gavin David Young Lectureship	641 14 3	98 0 2	—	739 14 5
Electricity Trust Prize	—	10 10 0	10 10 0	—
Dental Board of S.A. Research Scholar- ship	116 16 11	2 10 5	50 0 0	69 7 4
Thomas Gepp Prize	29 8 0	7 1 10	5 0 0	31 9 10
Elder Conservatorium Old Scholars Association Prize	14 8 9DR	41 10 9	27 2 0	—
Violet de Mole Prize	93 0 1	17 7 8	—	110 7 9
J. B. Cleland Prize	6 2 1	4 3 4	5 4 6	5 0 11
E. Harold Davies Scholarship	28 18 1	16 15 0	16 16 0	28 17 1
Edith Hübbe & Harriet Cook Prize ..	117 19 4	19 1 4	16 0 0	121 0 8
Natalia Davies Prize	10 13 6	9 19 10	10 0 0	10 13 4
Baker Scholarship	706 1 5	156 16 4	—	862 17 9
T. L. Borthwick Prize	3 4 7	3 4 3	3 3 0	3 5 10
C. & J. Campbell Prize	19 9 4	15 19 10	15 0 0	20 9 2
Elder Travelling Scholarship	19 15 10	16 9 4	—	36 5 2
Guli Magarey Scholarship	24 8 9	16 11 10	16 0 0	25 0 7
Frederick Bevan Memorial Scholarship ..	72 7 7	21 5 7	—	93 13 2
E. V. Clark Prize	138 2 6	4 3 0	7 7 0	134 18 6
William Culross Prize	— *	7 18 4	8 2 6	— *
Eva Lines Memorial Scholarship	53 5 2	17 10 2	—	70 15 4
Sir Hugh Cairns Memorial Prize	59 0 6	37 12 8	30 0 0	66 13 2
D. B. Adam Memorial Prize	14 19 4	10 1 9	18 0 0	7 1 1
Maude Puddy Scholarship	18 10 8	16 6 10	15 15 0	19 2 6
Gerard Prize	42 0 0DR	84 0 0	21 0 0	21 0 0
Tew Prize	3 3 4	3 3 4	4 14 6	1 12 2
Baillieu Research Scholarship	586 11 8	171 16 6	—	758 8 2
Rutter Jewell-Thomas Medal & Prize ..	80 7 5	210 16 5	173 6 8	117 17 2
Institute of Chartered Accountants Prize in Accountancy III	—	10 10 0	10 10 0	—
Dr. Ruby Davy Scholarship	66 15 7	33 18 4	—	100 13 11
T. E. Barr Smith Travelling Scholarship ..	1,394 10 1	794 13 0	562 10 1	1,626 13 0
John Barker Scholarship	96 6 10	95 11 5	101 5 0	90 13 3
Thomas D. Hannon Prize	8 10 11	4 6 8	4 4 0	8 13 7
Philips Electrical Industries Prize in Electronics	—	50 0 0	50 0 0	—
Wm. Donnithorne Award	216 5 7	106 7 2	160 0 0	162 12 9
Pfizer Prize in Gynaecology	—	50 0 0	25 0 0	25 0 0
George Murray Scholarship	— *	—	1,317 1 7	— *
Athol Lykke Award	121 12 9	169 2 0	—	290 14 9
Chapman Memorial Scholarship	79 17 5	47 6 8	75 0 0	52 4 1
Weimar-Ohlstrom Prizes	18 0 0	18 2 10	18 0 0	18 2 10
John Lewis Prize (Royal Geographical Soc. of A/asia)	—	5 0 0	5 0 0	—
The British Psychological Society Prize ..	5 0 0	—	—	5 0 0
J. R. Wilton Prize	—	5 8 2	5 1 0	7 2
Charles Fenner Prize in Geography	5 8 7	2 15 4	5 0 0	3 3 11
The Electricity Trust Prize in Electrical Power Engineering	50 0 0	—	50 0 0	—
Carried Forward	£12,851 10 11	£4,819 11 11	£4,629 9 2	£14,406 1 10

THE UNIVERSITY OF ADELAIDE

D. Schedules—Income and Expenditure Account, 1958—Continued

NAME	Opening Balance 1/1/58	Income	Expenditure	Closing Balance 31/12/58
Brought Forward	£12,851 10 11	£4,819 11 11	£4,629 9 2	£14,406 1 10
A. Grenfell Prize in Geography	4 3 9	5 19 0	5 5 0	4 17 9
The Byard Prize	—	6 0 0	—	6 0 0
The Shell Prize in Mechanical Engineering	—	25 0 0	—	25 0 0
The Shell Prize in Economics	—	25 0 0	—	25 0 0
Adelaide Chamber of Commerce Prize	—	10 10 0	—	10 10 0
Kenneth & Hazel Milne Travelling Scholarship in Architecture	—	79 3 4	—	79 3 4
Economic Society Prize .. .	—	10 10 0	—	10 10 0
	£12,855 14 8	£4,981 14 3	£4,634 14 2	£14,567 2 11

* The closing balances of these Scholarship accounts have been transferred to the Income and Expenditure Account

Expenditure (Column 3)	£4,634 14 2
Excess Closing Balances	£14,567 2 11
Opening Balances	£12,855 14 8
	1,711 8 3
	<u>£6,346 2 5</u>

EXPENDITURE

NORTH TERRACE

	£	£	£
E. General Expenses—Printing, Stationery and Miscellaneous Charges—			
Caretakers' and Cleaners' Materials	1,324		
Miscellaneous Charges	1,336		
Printing and Stationery—General	3,793		
Advertising—General	607		
Duty Stamps and Exchange	329		
Postages and Telegrams	2,276		
Library—Sundries	1,214		
Maintenance of Office Machines	843		
Auditors' Fees and Legal Expenses	701		
Senate	342		
Telephone Charges	5,878		
Calendar—Printing	3,304		
Exchange on Remittances to London	4,161		
Visiting Lecturers—Expenses	29		
Public Lectures	77		
Fire Protection Charges	258		
Laundry Services	2,314		
Travelling Expenses	1,118		
Australian Vice-Chancellors' Committee— Expenses	847		
Maintenance of Lifts—General	71		
Maintenance of Lifts—Medical Building	597		
General Service Truck Maintenance	332		
Workshop Truck A/c.	58		
Interest on Overdraft	35		
Vice-Chancellor's Entertainment Expenses	113		
	<u>31,957</u>		
Deduct Credit Balances:			
Discount Received	628		
Workshop Overhead Recovery	195		
	<u>823</u>		
			<u>31,134</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

EXPENDITURE

NORTH TERRACE

	£	£	£
F. Gas, Water, Electricity and Insurance—			
Gas and Electric Supply		15,879	
Water Rates		3,827	
Insurance Premiums		3,984	
			<u>23,690</u>
G. Special Grants—			
Anthropological Research		200	
Postgraduate Medicine		2,000	
Australian Journal		300	
Publications Fund		300	
Theatre Guild		135	
Graduates' Union		517	
Staff Club		1,850	
			<u>5,302</u>
H. Study Leave—			
Study Leave—General		10,989	
" " Research-type Conferences		832	
" " Administrative-type			
Conferences		142	
" " Visiting Lecturers		486	
			<u>12,449</u>
I. Minor Building Projects Over £1,000—			
Prince of Wales Building—Alterations to			
Lecture Theatre		3,617	
Johnson Chemistry Building—Laboratory			
Alterations and Refitting		14,186	
Seismograph Vault at Mt. Bonython	3,341		
Less Grant from the International Geo-			
physical Year—Finance Committee	<u>2,000</u>	1,341	
Student and Agricultural Chemistry Labo-		5,789	
ratory Alterations at Waite Institute ..			<u>24,933</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

EXPENDITURE

WAITE AGRICULTURAL RESEARCH INSTITUTE

J. DEPARTMENTAL FUNDS EXPENDED—1958

DEPARTMENT	Salaries and Wages	Laboratory Mainten- ance Grants	Equipment & Furniture		TOTAL
			Under £1000	Over £1000	
Agronomy and Plant Breeding	35,066	1,566	1,849	—	38,481
Agricultural Chemistry	25,130	5,435	9,656	—	40,221
Plant Pathology	19,014	817	3,140	1,404	24,375
Entomology	17,481	1,069	3,674	—	22,224
Plant Physiology	10,739	1,024	1,095	1,485	14,343
Faculty	50	—	—	—	50
South Wing Basement	—	315	—	—	315
Glasshouse Repairs	—	775	—	—	775
Workshop	—	544	—	—	544
Fruit Fly	—	446	1,117	—	1,563
Administration	—	—	3,394	—	3,394
Students' Equipment	—	—	3,851	—	3,851
Laboratory Furniture	—	—	1,155	—	1,155
£	107,480	11,991	28,931	2,889	151,291

K. Building Repairs—

	£	£
Laboratories—General	5,134	
Urrbrae House and Cottages	744	
Glasshouse Repairs	235	
Students' Rooms—Alterations	832	
Alterations to Laboratories, Coolhouse, Carpenters' Shop	110	
Miscellaneous Repairs	18	
	<u>7,073</u>	

L. General Expenses

Telephone	1,099	
Stationery and Printing	1,318	
Freight and Cartage	319	
Photography	423	
Publications	299	
Travelling Expenses—General Administration	297	
„ „ Agronomy and Plant Breeding	1,868	
„ „ Agricultural Chemistry	586	
„ „ Plant Pathology	782	
„ „ Entomology	1,307	
„ „ Plant Physiology	250	
Advertising	994	
Postages	466	
Laundry	337	
Cleaners' Materials	470	
Sundries	1,331	
	<u>12,146</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

INCOME			
NORTH TERRACE			
	£	£	£
M. Interest and Dividends—			
Australian Inscribed Stock		13,935	
Treasury of South Australia Interest		5,724	
Mortgage Advances		3,928	
Interest from Sundry Investments		1,309	
		<u>24,896</u>	
<i>Less:</i>			
<i>Interest Credited to Special Funds—</i>			
Personal Superannuation Accumulation			
Accounts	3,149		
Other Trust Funds	<u>7,106</u>		
		<u>10,255</u>	
			<u>14,641</u>
N. Fees—			
Arts		10,243	
Economics		7,210	
Science		21,142	
Medicine		35,357	
Dentistry		2,789	
Law		4,548	
Music		2,293	
Conservatorium		11,513	
Engineering		22,277	
Technology		1,382	
Social Science		1,434	
Physiotherapy		4,091	
Agricultural Science		4,120	
Optometry		521	
Physical Education		1,269	
Pharmacy		228	
General Fees—over-payments		<u>4</u>	
			<u>130,421</u>
O. Sundry Income—			
Rent—Investment Properties	3,603		
Less Maintenance Properties	<u>2,495</u>		
		1,108	
Calendar Sales		358	
Examination Paper Sales		32	
Hire of Rooms		455	
C.S.I.R.O. Grant for Genetics		2,500	
Grant from C.S.I.R.O. and various			
benefactors for Animal Ecology		3,100	
Pharmaceutical Society of S.A. Grant for			
Pharmacy Classes		752	
General Service Fees	14,051		
Less Disbursements	<u>5,552</u>		
		8,499	
Statement of Academic Record		176	
Commonwealth Government Grant —			
Physical Education		2,100	
Superannuation Commission		2,510	
Second Annual Contribution from			
Architects' Funds towards Chair of			
Architecture		<u>5,000</u>	
Carried Forward		26,590	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

INCOME			
	£	£	£
Brought Forward		26,590	
Liquid Air Sales		79	
Administration charge refunds		3,069	
Library Fines and Fees		258	
		<u>29,996</u>	
Less Transfer to Fund for Replacement of Major Equipment and Plant		5,000	
		<u>24,996</u>	
<i>Other Income for Scholarships and Prizes—</i>			
Sir Robert Chapman Prize	30		
B.M.A. (Section of Clinical Medicine) Prize	6		
Roche Products Prize	20		
St. Alban Scholarship	15		
Wyeth Prize in Obstetrics	60		
Mining and Metallurgical Bursaries	360		
Australian Society of Accountants' Prize ..	60		
S.A. Chamber of Manufactures Prize in Cost Accountancy and Budgetary Control	32		
S.A. Chamber of Manufactures Prize in Electronic Control	40		
Dental Board of S.A. Prize	16		
Electricity Trust Prize	10		
Elder Conservatorium Old Scholars' Prize ..	42		
Gerard Prize in Electrical Engineering	84		
Rutter Jewell-Thomas Medal and Prize	224		
Institute of Chartered Accountants' Prize ..	10		
Dr. Ruby Davy Scholarship	22		
T. E. Barr Smith Travelling Scholarship	750		
Philips Electrical Industries Prize in Electronics	50		
Wm. Donnithorne Award	12		
Pfizer Prize in Gynaecology	50		
Athol Lykke Award	163		
Wiemar-Ohlstrom Prizes	18		
John Lewis Prize (Royal Geographical Society of A/asia)	5		
J. R. Wilton Prize	5		
Charles Fenner Prize in Geography	3		
A. Grenfell Price Prize in Geography	6		
The Byard Prize	4		
The Shell Prize in Mechanical Engineering ..	25		
The Shell Prize in Economics	25		
The Adelaide Chamber of Commerce Prize ..	10		
The Economics Society Prize in Economics ..	10		
	<u>2,167</u>		
		<u>27,163</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Income and Expenditure Account, 1958—Continued

INCOME

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£	£
P. Interest—			
Peter Waite Trust Fund		2,283	
Elizabeth MacMeikan Estate		6,500	
Hugh Hughes Estate		1,150	
James Waite Estate		32	
W. D. Grigg Estate		200	
W. H. Sandland		549	
Mrs. L. M. Owen Smyth		101	
Ranson Mortlock		475	
		<u>11,290</u>	
Q. Other Income—			
<i>Waite Donations:</i>			
J. T. Mortlock Bequest		1,000	
<i>Sundry Income:</i>			
Sundry Sales	1,397		
Sale of Publications	90		
Rent A/c—Dr. Best	104		
" A. V. Lehmann	29		
	<u>1,620</u>		
		<u>2,620</u>	

NORTH TERRACE		LIABILITIES AND TRUSTS		
	Schedule	£	1958 £	1957 £
Endowments and Grants—				
General	1	1,086,853		993,954
Sale of Country Lands		40,000		40,000
Sale of Alverstoke Estate		12,000		12,000
Grants and Donations for University Site	2	11,776		11,776
Contributions to Buildings and Fittings:				
H.M. Government of S.A.		397,396		364,263
Commonwealth Government		268,525		268,525
From Accumulated Funds		195,169		195,169
Appropriated from Reserves		15,525		15,525
Unemployment Relief Council for Johnson				
Chemical Laboratories		12,000		12,000
Pharmaceutical Society of S.A.		300		300
Commonwealth Department of Commerce				
(Medical Building)		11,749		11,749
International Geophysical Year (Seismograph Vault)		2,000		—
C.S.I.R.O. (Mawson Laboratories)		825		825
			2,054,118	1,926,086
Reserves and Special Funds—				
Provision for Items over £1,000	3	7,154		23,074
Special Donation for Clinical Medicine		15,000		15,000
Invalidity Scheme Fund		2,671		—
Personal Superannuation Accounts		70,898		72,414
Share Fluctuation Reserve		55,570		55,554
H.M. Government of S.A. Advance for 1959		£ 20,000		37,500
Less I. & E. Deficit 1958		8,869		
		11,131	(Surplus)	1,721
Fund for Replacement of Major Plant		10,000		5,000
Motor Vehicle Replacement Fund		3,172		1,396
Grants for Buildings and Fittings:				
H.M. Government of S.A.		75,000		—
Commonwealth Government		75,000		—
Scholarship Funds				15,024
Library Funds	4	14,588		3,608
Library Funds	5	4,014		98,708
Special Funds	6	145,241		9,536
Equipment Funds	7	9,437		
			498,876	338,535
Funds Expended on Equipment—				
Contributed from Accumulated Income		235,350		235,350
Donations for Equipment	8	139,875		90,480
Donations for Library	9	17,608		16,164
Funds Provided by H.M. Government of S.A.:				
Equipment under £1,000		309,366		225,996
Library		125,540		96,598
Equipment over £1,000		57,219		27,883
Furniture over £1,000		1,372		1,372
C.R.T.S. Equipment provided by Commonwealth Government		74,357		74,357
			960,687	768,200
Carried Forward			3,513,681	3,032,821

OF ADELAIDE

Accounts as at 31st December, 1958.

NORTH TERRACE		ASSETS			
		Schedule	£	1958 £	1957 £
<i>Investment of Endowments and Grants—</i>					
Commonwealth Inscribed Stock at par ...	14		305,158		228,315
Share and Stock Investments	15		340,880		383,474
University Site			11,776		11,776
University Buildings	16		1,181,161		1,146,027
Other Land and Buildings	17		30,579		30,579
Books Barr Smith Library			9,106		9,106
Advances on Mortgages ...	18		71,455		82,806
Funds held by Trustees	19		34,003		34,003
Funds due to Michell Estate			70,000		—
				2,054,118	1,926,086
<i>Investment of Reserves and Special Funds—</i>					
Commonwealth Inscribed Stock at par			44,440		142,661
Investment Properties and Improvements	20		54,452		53,647
Current Balances:					
Invested on Deposit with Treasury of S.A. ...			157,643		131,919
Agent-General for S.A., London			10,820		3,290
Bank of Adelaide Current Account			5,044		— 14,280 Cr.
Cash, Debtors	21		19,685		14,890
Buildings in Progress	22		206,792		6,408
				498,876	338,535
<i>Equipment—</i>					
Equipment	23		634,697		485,504
Library Books and Binding	24		229,524		199,138
Furniture	25		96,466		83,558
				960,687	768,200
Carried Forward ...				3,513,681	3,032,821

THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES AND TRUSTS

NORTH TERRACE

	<i>Schedule</i>	1958	1957
	£	£	£
Brought Forward		3,513,681	3,032,821
<i>Lord Mayor's Cancer Appeal Fund—</i>			
Donations	£ 100,384		
Less: Deficit incurred in operating expenses in 1958	5,384		
	95,000		100,384
Part of Special Grant by H.M. Government of S.A. towards Purchase of Linear Accelerator	16,000		12,177
Grant by H.M. Government of S.A. for Gamma Ray Spectrometer	7,500		—
		118,500	112,561
<i>University Union Building Fund—</i>			
Donations	103,761		103,745
Interest	6,763		6,763
Contributed by University from Capital Funds	94,598		6,408
		205,122	116,916
<i>Department of Architecture Fund—</i>			
Donations ...	20,352		20,178
Interest	1,852		1,361
		22,204	21,539
Carried Forward		3,859,507	3,283,837

OF ADELAIDE

Accounts as at 31st December, 1958.—Continued

ASSETS

NORTH TERRACE

Schedule

1958

1957

£

£

£

Brought Forward

3,513,681

3,032,821

*Lord Mayor's Cancer Appeal Fund—*Invested in Commonwealth Inscribed Stock at
par

30,000

50,000

Invested in Debentures

10,000

Linear Accelerator — Progressive cost to
31/12/58

69,705

63,002

Fire Protection System

1,500

Grant towards Cost of Electron Microscope
(Waite Institute)

4,500

Current Account

2,795

— 441 Cr.

118,500

112,561

University Union Building Appeal Fund—

Alterations and Additions to Union Buildings ...

94,886

59,138

New Union Hall

107,659

55,201

Expenses of Appeal

2,577

2,577

205,122

116,916

Department of Architecture Fund—

Invested on Deposit

—

15,000

Funds held by S.A. Institute of Architects

—

35

Contributions towards cost of Chair of Archi-
tecture

10,000

5,000

Expenses of Appeal

1,098

1,098

Current Account (on deposit)

11,106

406

22,204

21,539

Carried Forward

3,859,507

3,283,837

THE UNIVERSITY

Statement of Balances of Capital

LIABILITIES AND TRUSTS

	Schedule	£	1958 £	1957 £
Brought Forward			3,859,507	3,283,837
WAITE AGRICULTURAL RESEARCH INSTITUTE				
Endowments—General	10	230,051		230,051
Endowments for Laboratories	11	35,000		35,000
Donations	12	47,134		30,970
Contributed from Accumulated Income		92,697		92,697
Motor Vehicles over £1,000 Replacement Fund		549		281
Unexpended Funds	13	4,288		7,888
Funds Provided by H.M. Government of S.A.:				
Grant for New East Wing		30,000		—
Equipment under £1,000		98,664		69,332
Library		19,909		16,527
Equipment over £1,000		28,567		19,688
Grants by Commonwealth Government:				
C.R.T.S. Buildings		9,602		9,602
New East Wing		30,000		—
Income and Expenditure Surplus, 1958		3,606		460
			630,067	512,496
			<u>£4,489,574</u>	<u>£3,796,333</u>

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests:—

Estate of Late Clement Phillipson
 Estate of Late Georgina M. Dowling
 Estate of Late Constance Fraser
 Estate of Late J. T. Mortlock
 Estate of Mrs. L. M. Owen-Smyth
 Estate of Laura Anita Shanasy
 Estate of Late Fred. Johns
 Estate of Late R. T. Melrose
 Estate of Late R. A. M. McConnochie
 Estate of Late J. H. Vaughan
 Estate of Late Mrs. E. C. E. Munton
 Estate of Late Miss G. E. I. Borthwick
 Estate of Late Dr. A. J. Schulz
 Estate of Late G. Gollin
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late E. F. Hern (Balance)
 Estate of Late Edward Neale (Balance)
 Estate of Late Mrs. G. E. Hastings (Balance)
 Estate of Late Miss A. M. Barnes (Balance)

W. MEIKLEJOHN,
 Assistant Registrar (Finance)

We report that we have examined the above statement showing the financial position of the University of Adelaide in respect of Capital Funds as on the 31st December, 1958, and have compared the same with the entries in the various Books of Account and other records relating to the affairs of the said University, and as a result of our examination and audit we do hereby certify that the above statement is a correct abstract of such Books of Account. No apportionment, however, has been made in respect of interest in the course of accruing due to or by the University and

OF ADELAIDE

Accounts as at 31st December, 1958.—Continued

ASSETS

	<i>Schedule</i>	£	1958 £	1957 £
Brought Forward			3,859,507	3,283,837
WAITE AGRICULTURAL RESEARCH INSTITUTE				
Commonwealth Inscribed Stock at par		80,512		59,533
Funds held by Trustees	26	114,135		114,135
Land, Urrbrae House	27	54,455		54,455
Buildings	28	152,586		109,814
Equipment and Furniture	29	190,331		144,631
Library	30	31,032		27,650
Current Balances—Cash, Debtors	31	7,016		2,278

630,067	512,496
<u>£ 4,489,574</u>	<u>£ 3,796,333</u>

Contingent—

Bequests in Deceased Estates subject to Life and Other Interests:—

Estate of Late Clement Phillipson
 Estate of Late Georgina M. Dowling
 Estate of Late Constance Fraser
 Estate of Late J. T. Mortlock
 Estate of Mrs. L. M. Owen-Smyth
 Estate of Laura Anita Shanasy
 Estate of Late Fred. Johns
 Estate of Late R. T. Melrose
 Estate of Late R. A. M. McConnochie
 Estate of Late J. H. Vaughan
 Estate of Late Mrs. E. C. E. Munton
 Estate of Late Miss G. E. I. Borthwick
 Estate of Late Dr. A. J. Schulz
 Estate of Late G. Gollin
 Estate of Late Hugh Hughes (Balance)
 Estate of Late William Donnithorne (Balance)
 Estate of Late E. F. Hern (Balance)
 Estate of Late Edward Neale (Balance)
 Estate of Late G. E. Hastings (Balance)
 Estate of Late Miss A. M. Barnes (Balance)

not payable on the said 31st day of December, 1958. We further report that the securities, etc., representing the investments shown in the above statement, as well as the Land Grants and Certificates of Title belonging to the University, have been verified by us.

R. M. STEELE, Chartered Accountant (Aust.)
 E. F. HUNWICK, Chartered Accountant (Aust.)
 Auditors.

Adelaide, 13th May, 1959.

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.

LIABILITIES AND TRUSTS

NORTH TERRACE

	£	£
1. Endowments—General—		
Sir George Murray (for General Purposes)	86,767	
Less—Transferred to Equipment	500	
		86,267
Miss M. T. Murray (for General Purposes)		53,308
Sir Thomas Elder (for Medical School)		30,000
Sir Thomas Elder (for General Purposes)	25,000	
Public Donations (for General Purposes)	600	
		25,600
Sir Thomas Elder (for Music School)		20,000
Sir Thomas Elder (for Arts and Science)	20,000	
Sir Walter Watson Hughes (for Arts and Science)	20,000	
		40,000
Sir Langdon Bonython (for Great Hall)		52,330
Sir Langdon Bonython (for Law School)		20,000
Dr. F. Lucas Benham (Benham Laboratories)		51,381
Gwendolyn Michell Foundation (for Medical Research)	50,000	
Gwendolyn Michell Foundation (for Medical Research)	100,000	
		150,000
T. E. Barr Smith, Snr. (for Library Building)		34,719
T. E. Barr Smith, Snr. (for Library Fund)		10,000
T. E. Barr Smith (for Scholarship in Agricultural Science)		13,875
Barr Smith Library Fund—No. 1 Account		11,000
Barr Smith Library Fund—No. 2 Account		9,106
Keith Sheridan Fund (for Medical Research)		30,923
Mrs. Jane Marks (for Chair of Pathology)		30,000
Sir William Mitchell (for Chair of Biochemistry)		20,000
Sir William Mitchell (for Library Fund)		5,000
For Union Buildings—		
Public Donations	16,402	
Sir George Murray	10,270	
Sir Josiah Symon (for Lady Symon Building)	9,500	
		36,172
Edward Neale (for Medical Research)		28,917
Family of the Late John Darling (for Darling Bldg.)	15,000	
Sir George Murray (used for Darling Building)	1,000	
		16,000
Mrs. G. A. Jury (for Chair in English Literature)		12,000
R. L. Johnson (used for Chemical Laboratory)		12,000
J. H. Angas (for Chair in Chemistry)		6,000
J. H. Angas (for Engineering Scholarship)		4,000
Broken Hill Pty. Co. Ltd. (for Chair in Mining and Metallurgy)		15,000
For Chairs in Engineering—		
Broken Hill Pty. Co. Ltd.	5,000	
Adelaide Electric Supply Co. Ltd.	5,000	
General Motors-Holden's Ltd.	5,000	
Sir Edward Holden	2,500	
Tenax Investments Ltd.	2,500	
Richards Industries Ltd.	2,000	
British Tube Mills (Aust.) Pty. Ltd.	2,000	
Kelvinator Australia Ltd.	1,000	
		25,000
Carried Forward		848,598

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward		848,598
For Chair in Economic and Mining Geology—		
North Broken Hill Ltd.	18,269	
Broken Hill Pty. Co. Ltd.	10,440	
Broken Hill South Ltd.	10,440	
Zinc Corporation Ltd.	10,439	
New Broken Hill Consolidated Ltd.	2,610	
		52,198
Sewell Myers Research Bequest	20,000	
A. M. Barnes Endowment	10,363	
Animal Products Research Foundation	7,074	
J. E. Jenkins Scholarship Fund	6,975	
Sir Joseph Verco (for Medical Science Research)	5,000	
Sir Joseph Verco (for Medical School)	2,166	
Sir Joseph Verco (for Dental School)	2,166	
Emma Jeffress Endowment	6,000	
Kenneth and Hazel Milne Travelling Scholarship in		
Architecture	5,000	
Baillieu Scholarships Fund	4,839	
Baker Scholarship Fund	4,246	
F. W. Wheadon (for Observatory Building)	5,337	
James Barrans Scholarship Fund	3,000	
John Barker Scholarship Fund	3,000	
Donnithorne Awards Fund	2,888	
T. G. Wilson Scholarship Fund	2,500	
Gavin David Young Lectures Fund	2,453	
William Gardner Scholarship Fund	2,043	
David Murray Scholarship Fund	2,000	
Nickel Mines No Liability	2,000	
Public Donations (for Buildings)	1,890	
Athol Lykke Fund (for Postgraduate Studies in Music)	1,860	
Rose Grainger Orchestral Fund	1,076	
Fred Johns Scholarship Fund	1,500	
Creswell Scholarships Fund	1,300	
Sir Samuel Way, P.C. (for General Purposes)	1,277	
Ernest Ayers Scholarships Fund	1,236	
Public Donations (for Evening Classes)	1,220	
Dr. Charles Gosse Lectureship Fund	1,125	
Everard Scholarship Fund	1,000	
Joseph Fisher (Lecture and Medal Fund)	1,000	
Tinline Scholarship Fund	1,000	
John L. Young Scholarship Fund	1,000	
Shorney Prize and Medal Fund	1,000	
Varley Scholarship Fund	1,000	
Selbourne Moutray Russell Scholarship Fund	1,000	
Sir Mark Mitchell—Donation towards cost of Furnish-		
ing the New Council Room	1,000	
Sir Mark Mitchell (for Animal Culture House)	924	
		1,924
The Angas Parsons Prize Fund	900	
S.A. Orchestra Permanent Fund	873	
Anders and Reimers Scholarships Fund	760	
Elizabeth Jackson Memorial Library Fund	750	
Eugene Alderman Scholarship Fund	740	
Sydney Norman Bequest	700	
Eric Smith Scholarship Fund	650	
Archibald Mackie Bursary Fund	100	
Carried Forward		1,026,727

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward		1,026,727
For Anti-Cancer Committee—		
Mrs. E. C. Hoare	5,769	
Mrs. Rosye F. Mortlock	5,086	
C. V. Crocombe	3,722	
Mrs. H. L. Heuzenroeder	2,846	
Laura E. Bateman	2,553	
Robert T. Melrose	2,291	
Mrs. M. August	1,836	
E. F. Hern	990	
Various Benefactors	702	
Ruby Chambers	488	
J. Grinberg	100	
		26,383
Stow Prizes and Medal Fund	613	
Hartley Studentship	600	
Dr. Davies-Thomas Scholarship Fund	600	
Frederick Bevan Scholarship Fund	600	
Department of Health Capital Grant (for Physical Education)	2,000	
Miss Julia Stuckey (for Botany Laboratory)	503	
E. Harold Davies Scholarship Fund	500	
John Howard Clark Scholarship Fund	500	
John Bagot Prize and Medal Fund	500	
A. M. Simpson Library in Aeronautics Fund	500	
Mrs. Agnes Ayers (for General Purposes)	500	
R. W. Bennett Prizes and Medal Fund	500	
Anna Florence Booth Prize Fund	750	
Edith Hübbe and Harriet Cook Prize Fund	500	
Lucy Josephine Bagot Prize Fund	500	
Sir Archibald Strong Memorial Prize Fund	500	
Gladys Lloyd Thomas Scholarship Fund	500	
C. J. Campbell Prize Fund	500	
Maude Puddy Scholarship Fund	500	
Rutter Jewell-Thomas Prize Fund	500	
Guli Magarey Scholarship Fund	500	
Mrs. G. Magarey Bequest—		
Elder (Overseas) Scholarship Fund	500	
Eva Lines Scholarship Fund	500	
Dr. E. W. Way Lectureship Fund	473	
Violet de Mole Memorial Fund	456	
Keith Sheridan Prizes Fund	452	
Thornber Bursary Fund	450	
Rennie Research Scholarship Fund	317	
Sir Robert Chapman Prize Fund	311	
D. B. Adam Prize Fund	311	
Natalia Davies Prize Fund	315	
John Lorenzo Young Scholarship Fund	300	
Ruby C. Davy Prize Fund	300	
Weimar-Ohlstrom Prizes Fund	300	
Alexander Clark Prize Fund	255	
Elsie Marion Cornish Prize Fund	250	
Lienau Scholarship	250	
Bundey Prize Fund	200	
James Gartrell Prize Fund	200	
M. Rees George Prize Fund	200	
Way College Prize and Medal Fund	200	
Carried Forward		1,072,316

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
Brought Forward			1,072,316
Thomas Gepp Prize Fund			200
Archibald Watson Prize Fund			170
Roby Fletcher Scholarship Fund			160
St. Alban Scholarship Fund			150
Barr Smith Prize Fund			150
Annie Montgomerie Martin Prize Fund			150
George Thompson Bursary Fund			150
Justin Skipper Prize Fund			150
Tormore Old Scholars' Prize Fund			130
J. B. Cleland Prize Fund			130
Andrew Scott Prize Fund			115
Professor J. H. B. Tew Prize Fund			100
William Culross Prize Fund			250
L. G. Wilson—Gift of Hills Property, "Pine Kloof"			4,631
Chapman Memorial Fund			1,482
Anonymous Donation: Staff Common Room		2,379	
Less Transferred to Equipment		1,006	
			1,373
Sir Hugh Cairns Memorial Fund			1,154
Shorney Memorial Library Fund			1,000
Robin Memorial Lecture Fund			606
Nathan Netter			530
T. P. Shaughnessy Fund			191
Australian Dental Association Endowment for Thomas D. Hannon Prize			133
The Byard Prize Endowment			130
A. Grenfell Price Prize			110
Tennyson Medals Fund			100
Lister Prize Fund			100
League of Nations Prize Fund			100
Hardwicke College Prize Fund			100
Lokan Prize Fund			100
Thomas L. Borthwick Prize Fund			100
C. Fenner Prize			100
Professor J. R. Wilton Prize			100
Robert Whinham Prize Fund			84
Kate Helen Weston Fund			68
Tate Memorial Medal Fund			60
Hughes Statue Maintenance Fund			50
Jefferis Medal Fund			50
M. L. Mitchell (for Periodicals)			50
Elizabeth Jackson Library Fund			30

1,086,853

2. Grants and Donations for University Site—

Land Endowment	5,000
Special Donations for Fences and Gates—	
R. Barr Smith	400
Hon. Sir John Duncan	250
W. H. Duncan	
Sir Walter Young	1,000
Sir William Mitchell	876
Special Donations for other Improvements—	
Misses Eva and Lily Waite	2,250
Hon. Sir George Murray	2,000

4,25011,776

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
3. <i>Provision for Items over £1,000</i>		23,857	
<i>Less Expenditure detailed below—</i>			
Plant Growth Cabinet	59		
Ledger Accounting Machine	2,656		
Johnson Chemistry Building—Brick Facing	456		
Arts Building—Brick Facing	5,079		
Main Engineering Building—Brick Facing	1,267		
University Maintenance Workshop	7,186		
		16,703	
			7,154
4. <i>Scholarship Funds—</i>			
Angas Engineering Scholarship		583	
John Howard Clark Prize		101	
Everard Scholarship		39	
Eric Smith Scholarship		21	
Archibald Mackie Bursary		9	
Roby Fletcher Prize		1	
Dr. Davies Thomas Scholarships		7	
Joseph Fisher Medal and Lecture Tinline Scholarship		460	
David Murray Scholarship		12	
John Bagot Scholarship		1,264	
Bundey Prize		429	
John Creswell Scholarships		31	
Alexander Clark Memorial Prize		184	
John Lorenzo Young Scholarship		61	
John L. Young Scholarship		146	
Dr. Charles Gosse Lectureship		509	
Eugene Alderman Scholarship		218	
Ernest Ayers Scholarship		43	
George Thompson Bursary		532	
Rennie Scholarship		5	
Fred John Scholarship		51	
Archibald Watson Prize		1,274	
T. G. Wilson Travelling Scholarship		15	
R. W. Bennett Prizes and Medals		578	
Sir Robert Chapman Prize		46	
Anna Florence Booth Prize		9	
William Gardner Scholarship		46	
Shorney Prize		65	
Lucy Josephine Bagot Prize		290	
The Angas Parsons Prize		20	
Selbourne Moutray Russell Scholarship		185	
Varley Scholarship		52	
Barr Smith Prize		104	
Tormore Prize		31	
M. Rees George Memorial Prize		23	
Jefferis Memorial Medal		54	
Tate Memorial Medal		38	
Lokan Prize		2	
League of Nations Prize		7	
Wyeth Prize in Obstetrics		123	
Thornber Bursary		40	
		7	
Carried Forward		7,715	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward ..	7,715	
Keith Sheridan Prizes	308	
Tennyson Medal	5	
Hardwicke College Prize	1	
Justin Skipper Prize	40	
J. E. Jenkins Scholarship	25	
Gladys Lloyd Thomas Scholarship	5	
James Barrans Scholarship ..	173	
Australian Society of Accountants' Prize ..	15	
Elsie Marion Cornish Prize	27	
Anders and Reimers Scholarships	193	
Sir Archibald Strong Memorial Prize	181	
Gavin David Young Lectureship	740	
Dental Board of S.A. Research Scholarship ..	69	
Thomas Gepp Prize	31	
Violet de Mole Prize	110	
J. B. Cleland Prize ..	5	
E. Harold Davies Scholarship	29	
Edith Hübbe and Harriet Cook Prize	121	
Natalia Davies Prize	11	
Baker Scholarship	863	
T. L. Borthwick Prize	3	
C. and J. Campbell Prize	20	
Elder Travelling Scholarship	36	
Guli Magarey Scholarship	25	
Frederick Bevan Memorial Scholarship	94	
E. V. Clark Prize	135	
Eva Lines Memorial Scholarship	71	
Sir Hugh Cairns Memorial Prize	67	
D. B. Adam Memorial Prize	7	
Maude Puddy Scholarship ..	19	
Gerard Prize in Electrical Engineering	21	
Professor J. H. B. Tew Prizes	2	
Baillieu Research Scholarships	758	
Rutter Jewell-Thomas Medal and Prize	118	
Dr. Ruby Davy Scholarship	101	
T. E. Barr Smith Travelling Scholarship ..	1,627	
John Barker Scholarship	91	
Thomas D. Hannon Prize ..	9	
Wm. Donnithorne Award	163	
Pfizer Prize in Gynaecology	25	
Athol Lykke Award	291	
Chapman Memorial Scholarship	52	
Weimar-Ohlstrom Prizes	18	
British Psychological Society Prize	5	
Charles Fenner Prize	3	
A. Grenfell Price Prize	5	
Byard Prize	6	
Shell Prize in Mechanical Engineering	25	
Shell Prize in Economics	25	
Adelaide Chamber of Commerce Prize	10	
Kenneth and Hazel Milne Travelling Scholarship	79	
Economic Society Prize	10	
		<u>14,588</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
5. Library Funds—			
T. E. Barr Smith Endowment Income	325		
Sir William Mitchell Endowment Income	455		
Elizabeth Jackson Fund Income	82		
A. M. Simpson Library Income	99		
Kate Helen Weston Library	4		
S.A. Tuberculosis Asscn. Donations	37		
Herbert Shorney Memorial Library Income	24		
Library Deposits	2,641		
Elizabeth Mills Bequest for Library Books	258		
Mark Mitchell—Periodicals Income	31		
Institute of Physics Donation	58		
			<u>4,014</u>
6. Special Funds—			
<i>Consulting and Research Funds—</i>			
Civil Engineering—Donations for Concrete Research	477		
F. H. Faulding & Co. Ltd.—Dental Research Grant	16		
Rural Credits Development Fund—for Animal Ecology Research	184		
Illuminating Eng. Soc. Grant	15		
Grant for Latitude Observations	8		
Animal Products Research Foundation	364		
Geology Dept. Consulting Fund	465		
Pipe Transmission Line Structure	59		
Economic Geology Consulting Fund	114		
Consulting Fund—Physical and Inorganic Chemistry	10		
Consulting Fund—Civil Engineering	410		
Organic Chemistry—Research Funds	2,140		
Mechanical Engineering Research Fund	12		
Mechanical Engineering Consulting Fund	473		
Broken Hill Pty. Co. Ltd.—Research Fund Economic Geology	1,490		
		6,237	
<i>Anthropological Research Funds—</i>			
Anthropological Research—			
Harvard University	4		
General Account	505		
Mr. Mountford	1,867		
T. G. H. Strehlow	10		
Professor Abbie	5		
Australian Linguistics Film Account (Strehlow)	5		
Mountford Fund for Aboriginal Women	1,032		
		3,428	
<i>Medical Research Funds—</i>			
The Gwen Michell Foundation for Medical Research	2,979		
Sheridan Bequest	9,877		
Sandoz Ltd. Grant for Research in Department of Obstetrics	2,289		
I.C.I.—Research Fund for Sulphur Drugs	64		
Gastro Enteritis Investigation Fund	21		
Carried Forward	15,230	9,665	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward	15,230	9,665
Grant for Tuberculosis Research	53	
Grant for Enuresis Investigations—Mrs. H. M. Newland	5	
Donations for Virus Investigations — Medical School	100	
Donation for Research in Encephalitis — A. J. Playford	100	
		15,488
<i>Special Purpose Funds—</i>		
Donation for Equipment—Dental School ...	25	
Elder Conservatorium—Donation for pur- chase of Gramophone ...	165	
Permanent Orchestra Fund	626	
Australian Society of Accountants' Lecture	43	
Rose Grainger Orchestral Fund	634	
Students' Loan Fund	2,425	
Conservatorium Students' Fund	403	
Board of Social Studies—Students' Fund ...	193	
Shaughnessy Endowment Income ...	11	
Hughes Statue Maintenance Fund	26	
Reimann Memorial Fund	1	
Robin Memorial Lecture Fund Income	36	
Joseph Verco Memorial	3	
Sheridan Family Grave Maintenance A/c.	117	
Donation for Furnishing South Hall, Elder Conservatorium	49	
Broken Hill Associated Smelters—Donation for Purchase of Lead	48	
Civil Engineering Notebook	56	
Donation for Purchase of Musical Instru- ment	25	
Dr. Ruby C. Davy Bequest for Elder Con- servatorium Library	2,058	
Donations towards Chair of Microbiology	4,299	
Donations for the Maude Puddy Library ...	12	
The McGregor Fund	2,000	
A. M. Barnes—Income	135	
Donations for Purchase of Codex Manesse	70	
Donation for Optical Rotatory Dispersion (Organic Chemistry)	50	
Publications Fund	600	
Anonymous Donation—Medical School	12,997	
Sir Douglas Mawson Portrait Fund	253	
Joint Colleges Appeal Fund	3,175	
University Music Society Fund	1,221	
Opera Performances Reserve Account	149	
Australian Journal of Experimental Biology and Medical Science	4,454	
The Gwen Michell Foundation Reserve for Fluctuation of Shares ...	703	
Cancer Research—Hoare Estate—Reserve for Fluctuation in Shares	55	
Advance by H.M. Government of S.A. to- wards Loss on Realization of Cancer Appeal Funds Inscribed Stock	5,440	
Department of Architecture Fund — Bal- ance	11,106	
		53,663
Carried Forward		78,816

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward		78,816
Provisions—		
Realization of Investment Properties	5,935	
Provision for Damage by Storm and Tempest	900	
Provision for Purchase of Special Equip- ment for Testing Concrete	1,664	
Provision for Laboratory Space for Micro- scope Workshop	500	
Adult Education Motor Vehicle Replace- ment Fund	250	
Realization of Obsolete and Surplus Equipment	234	
		9,483
Research Grants—		
Commonwealth Grant for Australian Litera- ture	60	
C.S.I.R.O. Electrical Research Board	61	
N.H.M.R.C. Grant	316	
N.H.M.R.C. Grant—Salmonella	216	
Dept. of Air and Dept. of Civil Aviation— Aeromedical Research	394	
Dept. of Army—Anti-Oxidants Research	2,030	
Dept. of Civil Aviation—Hangar Wind Loading Research	272	
I.C.I.A.N.Z. Research Fellowship	4	
George Aitken Pastoral Research Trust— Zoology	529	
Australian Atomic Energy Commission—		
Studentships	698	
Mechanical Engineering	5	
Equipment (Staker)	177	
Equipment (Butcher)	580	
Equipment (Nolte)	347	
Equipment (Gray)	465	
Equipment (Field)	474	
Department of Civil Aviation—Electronic Research Grant	1,481	
Rockefeller Foundation Grant (Dr. R. B. Elliott)	1	
Monsanto Chemicals Grant—Physical and Inorganic Chemistry	801	
Damon Runyon Grant for Cancer Research —Organic Chemistry	1,742	
Wool Research Committee—Zoology	16	
I.G.Y. Finance Committee Grant—Seis- mology	17	
E.T.S.A. Grant for Dynamic Network Analyser	3,151	
General Motors-Holden's — Post-graduate Research Fellowship	577	
Rockefeller Foundation Grant for Physical and Inorganic Chemistry	688	
Aust. Atomic Energy Commission Research Grant—Mining	1,492	
Dept. of Supply Grant for Research on Aerials and Computers	2,392	
Social Sciences Res. Council — Aust. Lin- guistics	36	
Carried Forward	19,022	88,299

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
Brought Forward	19,022	88,299	
C.S.I.R.O. — Maintenance of Electron Microscope	250		
E.T.S.A. Conductor Account	6		
C.S.I.R.O. Grant for Research on Mulga	42		
American Chemical Society — Organic Chemistry	1,697		
Social Sciences Res. Council Grant—Law ...	30		
		21,047	
Sundry Balances—			
Graduates' Union Fund (Capital Donations)	179		
Book Account—Professor Mitchell	36		
Weapons Res. Establishment—Mathematics Department	42		
R. B. Elliott	7		
A. M. Sargeson	20		
Broken Hill Smelters—Donation	62		
Insurance Deposits	16		
C.I.G. (South Aust.) Ltd. ...	11		
Army Education Accounts ...	53		
Constance Fraser Income	623		
Diploma in Physical Education	3,137		
Chemistry Lab. Deposits	18		
Adult Education—Accumulated Fund	2,774		
Enuresis Patent	1,291		
L. G. Wilson — Gift of "Pine Kloof", Income ...	147		
Australian Humanities	100		
Adelaide University Union—Deposit	2,000		
Staff Club—Special Grant for Equipment	805		
Prize for Sports Pavilion Design	10		
Public Examinations in Music	13,063		
Public Examinations Board	8,675		
Queen Victoria and Queen Elizabeth Hospitals	31		
Anti-Cancer, Balance	2,795		
		35,895	
			<u>145,241</u>
7. Equipment Funds—			
Department of Commerce and Agriculture —Advance for Capital Equipment		150	
Reserve for Civil Engineering Special Equipment		9,261	
C.S.I.R.O. Grant for Capital Expenditure —Animal Ecology Research		1	
Motors Ltd.—Donation for Economics Department		25	
			<u>9,437</u>
8. Donations for Equipment—			
Sir George Murray		500	
Anonymous Donation — Staff Common Room		1,006	
R. Barr Smith		1,010	
Carnegie Corporation Books		5,967	
Pharmaceutical Society of S.A.		718	
			<u>9,201</u>
Carried Forward			

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
Brought Forward		9,201	
Department of Commerce — Advance for Equipment		753	
Department of Commerce — Advance for Capital Equipment		11,865	
Engineering Testing Fees		7,294	
Civil Engineering Testing Fees		2,903	
Consulting Fees—Electrical Engineering ..		108	
Broken Hill Pty. Co. Ltd.	5,000		
Electrolytic Zinc Co. of Aust. Ltd.	5,000		
North Broken Hill Ltd.	4,000		
Broken Hill South Ltd.	4,000		
Zinc Corporation Ltd.	4,000		
Imperial Chemical Ind. Ltd.	1,000		
Power Plant Ltd., Malcolm Moore, Esq.	200		
Power Plant Ltd.	400		
Aberfoile Tin N.L.	250		
King Island Scheelite Ltd.	100		
		<u>23,950</u>	
Donation for Equipment—Department of Geology		2,565	
Clinical Medicine Donation		2,464	
C.S.I.R.O. Grant for Capital Expend. Animal Ecology		1,498	
Rural Credits Development Fund Grant for Animal Ecology		7,652	
Nuffield Foundation Grant for Inorganic Chemistry		6,500	
Rockefeller Foundation Grant for Organic Chemistry		6,705	
Motors Ltd.—Donation for Economics Department		1,975	
J. M. Black—Botany Department ...		100	
Graduates' Union		935	
Clarence River Basin Exploration Co. N.L.		300	
Electronic Organ—Bonython Hall		2,350	
H.M. Government of S.A. Grant for Equipment		1,345	
Special Grant for Equipment—Chemistry Department		3,479	
Adult Education—Motor Vehicle Fund		1,824	
Public Examinations Board		4,227	
Public Examinations In Music		5,086	
Rockefeller Grant Physical Chemistry Fund		7,701	
Rockefeller Grant—Zoology Fund ...		2,410	
Amsler Press Fund		6,336	
E.T.S.A. Dynamic Network Analyser Fund		18,349	
		<u>139,875</u>	
9. Donations for Library—			
T. E. Barr Smith Endowment		4,663	
Sir William Mitchell		1,650	
Elizabeth Jackson		1,208	
B.M.A. Library Donations		8,423	
A. M. Simpson Library		911	
Kate Helen Weston Library		12	
S.A. Tuberculosis Association Donation		613	
Herbert Shorney Memorial Library		128	
		<u>17,608</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

WAITE AGRICULTURAL RESEARCH INSTITUTE

	£	£
10. Endowments—General—		
Peter Waite Endowment	99,131	
W. D. Grigg Estate—Endowment	18,304	
Elizabeth MacMeikan	18,872	
Hugh Hughes	36,004	
Ranson Mortlock Trust	15,000	
Lily Waite Endowment	10,000	
James Waite Endowment	1,000	
Various Benefactors	2,605	
W. H. Sandland Endowment	17,353	
Premiums on Conversion of Stock	1,678	
Mrs. D. Mortlock	10,104	
		<u>230,051</u>
11. Endowments for Laboratories—		
Mrs. Rosye Mortlock and Mrs. J. T. Mortlock	10,000	
Sir John Melrose Endowment	10,000	
Family Late John Darling	10,000	
J. T. Mortlock Endowment	2,000	
Empire Marketing Board	3,000	
		<u>35,000</u>
12. Donations—		
C.S.I.R.O. Mineral Deficiency Fund	1,500	
C.S.I.R.O. Soils Investigation Fund	1,500	
C.S.I.R.O. for Plant Pathology House	1,650	
Commonwealth Bank for Plant Culture House	14,010	
Australian Wool Board	640	
J. T. Mortlock Donation for Livestock	500	
Donations for Insectory	1,170	
Wool Research Committee—Donations towards Insectory	2,070	
Rural Credit Development Fund—Grant for Equipment (Proteins and Fodder Research)	10,000	
Commonwealth Department of Health	120	
Special Publications	8	
Donations towards cost of Electron Microscope	13,966	
		<u>47,134</u>
13. Unexpended Funds—		
Lily Waite Estate—Income Account	1,537	
George Aitken Pastoral Research Trust	125	
I.C.I.A.N.Z. Grant for Research	182	
Barley Improvement Fund	1,344	
Apiarists' Association Grant	100	
Phylloxera Board Grant	1,000	
		<u>4,288</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

ASSETS

NORTH TERRACE

	£	£	£
14. Inscribed Stock—			
Aust. Consolidated Stock—3¼%—15/9/59		10,000	
" " " —3¼%—15/10/60		17,810	
" " " —3¼%—15/10/60		84,600	
" " " —3¼%—15/9/61		9,740	
" " " —3¼%—15/9/59		40,000	
" " " —3¼%—15/9/60		4,500	
" " " —3¼%—15/9/60		40,000	
" " " —3¼%—15/9/62		10,000	
" " " —3¼%—15/10/63		213,260	
		<u>429,910</u>	
E. C. Hoare Bequest:			
Aust. Consolidated Stock — 4½% —			
15/11/68		200	
		<u>430,110</u>	
Less Transfer to Investment of Reserves	44,440		
Transfer to Waite Institute	80,512		
		<u>124,952</u>	
			<u>305,158</u>
15. Electricity Trust Debentures—			
5½% "B" 1969	110		
5½% 1970	20,000		
5½% 1969	100		
4½% "Q" 1962	560		
5½% 1969	570		
5½% "B" 1969	5,460		
3½% "K" 1964	1,188		
		<u>27,988</u>	
Shares—			
Share Investments	207,094		
E. C. Hoare Bequest—Shares	2,854		
S.A. Gas Co. Bonds (Gwen Michell			
Bequest)	50,000		
S.A. Gas Co. Bonds (Rutter Jewell-			
Thomas Bequest)	500		
Cellulose Aust. Ltd. (T. E. Barr Smith			
Travelling Scholarships)	13,875		
Finance Corporation of Australia Ltd.			
(Athol Lykke Fund)	1,860		
G. Michell—Shares in Companies	25,678		
S.A. Gas Co. Stock (Weimar-Ohlstrom			
Prizes)	300		
S.A. Gas Co. Bond (C. Fenner Prize)	100		
" " (Byard Prize)	100		
A. M. Barnes Estate—Shares	10,531		
		<u>312,892</u>	
			<u>340,880</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
16. Buildings—		
Bonython Hall	51,003	
Barr Smith Library	33,214	
Barr Smith Library — Furniture and Fittings	5,936	
Administrative (Main) Building	64,215	
Physics Building	70,815	
Physics—1st Year Building—Furniture and Fittings	171	
Glasshouse—Department of Genetics	2,216	
Elder Anatomical Building	8,596	
Vice-Chancellor's House	4,876	
Staff Common Room	1,748	
Prince of Wales Building	20,324	
Elder Conservatorium Building	21,743	
Darling Building	66,779	
Elementary Chemical Laboratory	3,678	
Refectory Building	15,433	
Refectory Building—Furniture	2,594	
George Murray Building	11,543	
Lady Symon Building	9,500	
Johnson Chemistry Building	48,291	
Johnson Chemistry Building — Furniture and Fittings	6,684	
Animal Culture House—Darling Building ..	934	
Caretaker's Lodge	1,846	
Arts Building	37,575	
Mechanical Engineering Building	50,832	
Main Engineering Building	127,963	
Medical Building	323,701	
Mawson Laboratories	127,294	
Health Centre	1,836	
Oil Store	615	
Stores Building	186	
Physical Education Projection Room	1,059	
Benham Laboratories	39,549	
Benham Laboratories — Furniture and Fittings	385	
Observatory Building	7,500	
Seismograph Vault at Mt. Bonython	3,341	
University Maintenance Workshop	7,186	
		<u>1,181,161</u>
17. Other Lands and Buildings—		
Globe Chambers—Victoria Square	18,420	
Waymouth Street, Property	12,000	
Landed Estate—Northern Territory	159	
		<u>30,579</u>
18. Advances on Mortgages—		
30 Advances		<u>71,455</u>
19. Trust Funds Held by Trustees—		
Edward Neale	28,917	
Rosye F. Mortlock	5,086	
		<u>34,003</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
20. Investment Properties and Improvements—			
Nos. 119-120 Mackinnon Parade, North Adelaide			
No. 12 Broadway, Glenelg			
No. 12 Broadway, Glenelg—Furniture			
No. 345 Leslie Road, Blair Athol			
Blount Street, Blair Athol			
Prospect Road, Blair Athol			
No. 17 Struan Ave., Warradale Park			
No. 17 Struan Ave., Warradale Park—Furniture			
No. 11 Barker Ave., Flinders Park			
Gilberton Property			
Gilberton Property—Furniture			
Bishop Ave., Somerton Park			
No. 35 Dee Street, Woodville South			
105 Mackinnon Parade, North Adelaide			
116-117 Mackinnon Parade, North Adelaide			
125 Mackinnon Parade, North Adelaide			
109 Mackinnon Parade, North Adelaide			
127 Mackinnon Parade, North Adelaide			
107 Mackinnon Parade, North Adelaide			
Total			<u>54,452</u>
21. Current Balances—			
Petty Cash		50	
Materials in Workshops—			
Carpenters' Workshop	1,836		
Electrical Mtce. Workshop	199		
Instrument and Mechanical Maintenance			
Workshop	171		
Photographic Services Materials	55		
Electronic Workshop	180		
Works in Progress—Wages	615		
" " Materials	240		
Optical Workshop Materials	4		
Stores Account	423		
		3,723	
Sundry Debit Balances—			
Professor Mitchell's Private Account	317		
Pharmaceutical Society of S.A. Pharmacy			
Laboratory	37		
Universities Commission Salaries	27		
Sir Douglas Mawson Anniversary Volume	563		
Outstanding Workshop Accounts	156		
Sundry Accounts	3,303		
Union Salaries	644		
"Paradise of Dissent"	317		
University Health Service	28		
Lawrence Matrix	248		
National Music Camp Asscn.	13		
Staff Club	454		
R. P. Draper	213		
G. H. Lawton—Advance for Purchase of			
Equipment	100		
D. A. Duckhouse—Advance	65		
G. S. Read—Advance Account	500		
G. Sved—Advance Payment for Study			
Leave	900		
Carried Forward	7,885	3,773	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
Brought Forward	7,885	3,773	
Engineering Testing	359		
Scholarships Paid in Advance	188		
The Cable Makers' Association Prize	21		
Commonwealth Govt. Grant — Physical Education	1,000		
Clement Q. Williams Memorial Fund	7		
B.M.A. Library Donations	87		
Postgraduate Committee in Medicine — Deficit	954		
Donations for Equipment for Geology	15		
Clinical Medicine Donation Income	896		
Anthropological Research Film Account	9		
Sundry Donations	85		
Consulting Fees — Economics	110		
C.S.I.R.O. Radio Research Board	787		
Department of External Affairs	807		
Atomic Energy Commission Studentship	11		
History Book Club	242		
International Geophysical Year:			
Winds Research	1,508		
Rockets	837		
Moonwatch	50		
Atomic Energy Commission	40		
Stewarts & Lloyds—Tubular Structures	14		
		15,912	
			19,685
22. Buildings in Progress—			
Union Buildings		94,598	
Barr Smith Library Extensions		51,182	
Organic Chemistry Building		61,012	
			206,792
23. Equipment—			
Equipment Expended to 31/12/52		118,641	
Equipment under £1,000		249,360	
Equipment over £1,000		60,132	
Amsler Press		6,336	
Equipment—Engineering Testing No. 1 Account		7,294	
Equipment—Engineering Testing No. 2 Account		2,903	
Special, Mining and Metallurgy		23,950	
Special, Grant for Equip. (Chemistry)		3,479	
Napier Birks Room		1,975	
Anti-Oxidants Research Project		11,865	
Animal Culture House (Darling Building)		753	
Special, Electrical Engineering		108	
Special, Geology		2,565	
Clinical Medicine		2,463	
C.S.I.R.O. Grant for Animal Ecology		1,498	
Animal Ecology (Rural Credits Development Fund)		7,652	
Rockefeller Donation for Organic Chemistry		6,705	
Nuffield Foundation Donation for Organic Chemistry		6,500	
Carried Forward		514,179	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
Brought Forward	514,179	
Organ—Elder Conservatorium	2,880	
Herbarium—J. M. Black	100	
Special, Economic Geology	300	
Electronic Organ—Bonython Hall	2,350	
E.T.S.A. Dynamic Network Analyser	18,349	
Equipment, Public Examinations in Music	5,086	
Equipment, Public Examinations Board	4,227	
C.R.T.S. Equipment	74,356	
Rockefeller Foundation Grant—Physical and Inorganic Chemistry	7,701	
Rockefeller Foundation Grant for Zoology	2,410	
Equipment—Graduates' Union	935	
Motor Vehicles for Adult Education	1,824	
		<u>634,697</u>
24. Library Books and Binding—		
Expended to 31/12/49	80,408	
Purchase from H.M. Government of S.A. Funds	125,540	
Carnegie Corporation—Expenditure	5,967	
T. E. Barr Smith Endowment for Library	4,663	
Sir William Mitchell Endowment for Library	1,650	
Elizabeth Jackson Endowment for Library	1,208	
B.M.A. Library Expenditure	8,424	
A. M. Simpson for Library	911	
Kate Helen Weston for Library	12	
S.A. Tuberculosis Association Donation for Library	613	
Herbert Shorney Memorial Library	128	
		<u>229,524</u>
25. Furniture—		
Furniture—General	31,006	
Furniture under £1,000	60,005	
Furniture over £1,000	1,372	
Staff Common Room	2,269	
Electric Light and Power Installation	1,814	
		<u>96,466</u>
WAITE AGRICULTURAL RESEARCH INSTITUTE		
26. Funds Held by Trustees—		
Peter Waite Trust Fund Investments	59,259	
Elizabeth MacMeikan Trust Fund Investments	18,872	
Hugh Hughes Estate—Trust Fund	36,004	
		<u>114,135</u>
27. Land—		
Urrbrae, Claremont and Netherby Estates	42,455	
Alverstoke Estate	12,000	
		<u>54,455</u>

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£	£
28. Buildings—			
Plant Pathology House		1,650	
Plant Culture House		850	
Implement Shed and Workshop		1,126	
Cereal Barn		2,014	
Netherby Cottage		738	
Implement Shed No. 2		1,083	
Plant Culture House		5,714	
Shearing Shed		1,586	
Education Block		399	
Cool-house No. 5B (Building No. 35)		8,532	
Glasshouse and Shadehouse, Rural Credits Fund		3,061	
Glasshouse No. 5—South Portion (Building No. 33)		1,079	
Extension of Plant Culture House (Wiles Prefab. Shed)		1,767	
Prefab. Shed Building No. 32		503	
Glasshouse No. 6 (Building No. 34)		157	
John Melrose Laboratory	16,744		
John Melrose Laboratory—Fittings	4,186		
		20,930	
John Darling Laboratory	9,812		
John Darling Laboratory—Fittings	2,186		
		11,998	
Ranson Mortlock Laboratory	11,455		
Ranson Mortlock Laboratory—Fittings	3,922		
		15,377	
Waite Institute (South Wing)	21,463		
Waite Institute (South Wing Fittings)	4,123		
		25,586	
Glasshouse No. 7		3,800	
Alterations to Urrbrae House		9,390	
Alterations to Laboratories		5,789	
New East Wing		26,149	
Maintenance Workshop		1,682	
Agronomy Field Laboratory		1,626	
		<u>152,586</u>	
29. Equipment and Furniture—			
Farm Equipment		7,105	
Laboratory Equipment		28,574	
Students' Equipment		2,148	
Farm Improvements		9,308	
Live Stock Account		1,788	
Equipment under £1,000		97,516	
Equipment over £1,000		12,455	
John Mortlock Research Station —			
Equipment		2,268	
Rural Credits Development Fund —			
Equipment		10,000	
Electron Microscope		11,898	
Furniture		7,271	
		<u>190,331</u>	
30. Library—			
Purchases from State Funds		19,909	
Library		11,123	
		<u>31,032</u>	

THE UNIVERSITY OF ADELAIDE

Schedules—Capital Accounts as at 31st December, 1958.—Continued

	£	£
31. <i>Current Balances—</i>		
Petty Cash	50	
Advance Account	50	
Advance Waite Staff Club	30	
Advance Salary Payment	229	
C.S.I.R.O.—Soil Investigations	533	
Wool Research Fund	503	
Australian Wine Research Board	20	
Rural Credits Development Fund	3,838	
Victorian Dept. of Agriculture	28	
Wheat Fund	390	
Bovril Research Fellowship	38	
State Wheat Fund	548	
Student Deposit	86	
Sheep Account	673	
		<u>7,016</u>

THE UNIVERSITY
Expenditure of Grants

Department	Source of Grant
Bacteriology	Commonwealth Department of Health
Biochemistry	Commonwealth Department of Health
Australian Journal of Experimental Biology and Medical Science	Commonwealth Department of Health
Board for Anthropological Research (Australian Linguistics)	Social Sciences Research Council
Botany	C.S.I.R.O.
Physical and Inorganic Chemistry	Monsanto Chemicals
	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
	Rockefeller Foundation
	General Motors-Holden's
	I.C.I.A.N.Z.
Organic Chemistry	Monsanto Chemicals
	Damon Runyon Memorial Fund for Cancer Research
	General Motors-Holden's
	American Chemical Society
Civil Engineering	Sundry Firms
Electrical Engineering	Department of Supply
	Australian Atomic Energy Commission
	Electrical Research Board (C.S.I.R.O.).
	Department of Civil Aviation
	Electricity Trust of S.A.
	I.C.I.A.N.Z.
Mining, Metallurgical and Chemical Engineering	Australian Atomic Energy Commission
	Australian Atomic Energy Commission
	Broken Hill Associated Smelters Pty. Ltd.
English	Commonwealth Literary Fund
Law	Social Science Research Council of Australia
Medicine	Commonwealth Department of Health
Medicine and Genetics	Rockefeller Foundation
Obstetrics	Sandoz Ltd.
Pathology	Commonwealth Department of Health
Physics	Radio Research Board (C.S.I.R.O.)
	Department of External Affairs (Antarctic Division)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	Australian Academy of Science (International Geophysical Year Finance Committee)
	General Motors-Holden's Ltd.
Physiology	Department of Army
	Department of Air and Department of Civil Aviation
	Commonwealth Department of Health

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1958	<i>Estimate</i> 1959
	£	£
N.H.M.R.C. Grant-in-aid Salmonella Reference Laboratory	2,184	2,000
N.H.M.R.C. Grant for Medical Research	948	1,248
N.H.M.R.C. Annual Grant	1,500	2,000
Grant to Assist Work on the Genealogical Records of the Aranda Tribe	673	40
Grant for Research on Mulga	408	—
Grant for Research on High Polymers	201	500
Grant for Research	2,505	—
Studentships	1,000	750
Grant for Research in Biophysical Chemistry	8,357	1,750
Postgraduate Fellowship	188	1,300
Research Fellowship	1,100	1,100
Grant for Research on High Polymers	400	400
Grant for the Project "The Process of Tar Formation"	2,129	1,800
Postgraduate Fellowships and Grants-in-aid	3,000	1,500
Grant for a Study of "The Desulphurization Reaction and Related Topics"	79	1,700
Concrete Research	170	200
Grant for Research in Aerials and Servomechanisms	5,531	6,000
Studentships	1,295	800
E.R.B. Grant for Research in Power Networks	669	400
Grant in Connection with Training of Electronic Engineers and for Research into Particular Problems	3,513	1,480
Construction of Dynamic A.C. Network Analyser	9,970	3,000
Research Fellowship	675	—
Studentships	3,296	2,500
Grant for Research	530	—
Grant to Sponsor Research Work	—	1,500
Grant for Lectures in Australian Literature	100	100
Grant for Travel and Assistance on Project in International Law	70	130
N.H.M.R.C. Grant for Medical Research	1,611	2,133
Grant to Support Research on Kuru	—	2,000
Grant for Research in Obstetrics	249	2,500
N.H.M.R.C. Grant for Medical Research	483	1,156
Meteor Trails Research	3,719	4,250
Ionospheric Winds Research (Mawson)	840	—
Ionospheric Winds Grant	2,647	—
Grant for Project to Measure Height Ionization Profiles by Radio Techniques	2,277	1,400
Grant for Moonwatch Programme in S.A.	88	—
Grant towards Seismology Project	2,124	—
Postgraduate Research Fellowship and Grant-in-aid	—	1,300
Anti-Oxidant Research	8,410	12,000
Aeromedical Research	4,705	5,000
N.H.M.R.C. Grant for Medical Research	2,350	3,000
Carried Forward	79,994	66,937

Department	Source of Grant
Zoology	C.S.I.R.O. Rockefeller Foundation Wool Research Committee Rural Credits Fund (Commonwealth Bank) Rural Credits Fund (Commonwealth Bank) George Aitken Trust Fund C.S.I.R.O. The Nuffield Foundation S.A. Tuberculosis Association British Medical Association Commonwealth Department of Health
Barr Smith Library	
Medical Research (General)	

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1958	<i>Estimate</i>
	£	1959 £
Brought Forward	79,994	66,937
Grant towards Travelling Expenses of Myxomatosis Project	33	—
Grant for Equipment	2,442	—
Grant for Ecological Investigation of Pastures in Mid-North of South Australia	2,858	2,900
Grant to Animal Ecology Research Unit	136	170
Grant for Research in the ecology of the Snail Vector of the Liver-fluke Parasite of Sheep	—	1,150
Grant for Research on Nematode Parasites	171	205
Grant towards Cost of Research on the Physiology of Native Mammals	—	200
Grant for Research on Marsupial Genetics	—	1,500
Grant for Books and Periodicals Dealing with Tuberculosis	80	50
Grant for Medical Books and Periodicals	1,079	1,200
N.H.M.R.C. Grant to University for Medical Research	1,500	1,500
	<u>£ 88,293</u>	<u>£ 75,812</u>

THE UNIVERSITY
Expenditure of Grants

Department	Source of Grant
<i>Walte Institute</i>	Australian Wine Research Institute Wool Research Committee
	Imperial Chemical Industries of Australia and N.Z.
	C.S.I.R.O., Division of Soils Commonwealth Bank — Rural Credits Development Fund
	Barley Improvement Fund George Aitken Pastoral Research Trust Victorian Department of Agriculture Apiarists' Association Pea Industry
	Wheat Industry Research Council
	Bovril Ltd. Rockefeller Foundation ..

OF ADELAIDE

Received from Outside Sources

<i>Nature of Grant</i>	1958	<i>Estimate</i>
	1959	1959
	£	£
Reimbursement for Oenological Investigations	194	100
Field Trial to Study Summer Nutrition of Sheep in Mediterranean Environment; and Investigations on Pasture Cockchafer	11,443	11,363
Grant for Investigations in the Competitive Effects of Weeds in Crops and Pastures	205	200
Reimbursement of Salaries, Laboratory and General Maintenance	9,590	4,776
Grant to Assist Establishment of a Unit to Study Proteins in Pastures and Fodder Crops	5,092	5,000
Grant for Research into Barley	4,906	7,206
Pastoral Research	395	124
Brown Rot Investigations	341	—
Grant to Aid Research in Beekeeping	—	100
Research on Economic Importance of Pea Diseases in South Australia	—	800
Grant for Wheat Improvement Research	12,909	15,850
State Committee	—	2,500
Research Fellowship	1,838	1,800
Grant towards Cost of Electron Microscope	4,966	—
	<u>£ 51,879</u>	<u>£ 49,819</u>

SUMMARY

NORTH TERRACE	88,293	75,812
WAITE INSTITUTE	51,879	49,819
Total Grants from Outside Sources	<u>£ 140,172</u>	<u>£ 125,631</u>

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

ANTI-CANCER COMMITTEE—

	£
Annual Grant by H.M. Government of S.A.	5,500
Income from Neale Endowment	1,000
Income from R. F. Mortlock Endowment	192
Income from E. F. Hern Endowment	31
Income from C. V. Crocombe Endowment	118
Income from R. T. Melrose Endowment	73
Income from J. Grinberg Endowment	3
Income from H. L. Heuzenroeder Endowment	90
Income from Hoare Estate	279
Income from M. August Endowment	58
Income from Emma Jeffress Endowment	403
Income from Ruby Chambers Endowment	15
Interest—Lord Mayor's Fund	1,562
Interest on Sundry Endowments (£3,216) and Lord Mayor's Fund	
Current Account	209
Donations	574
Sale of Radon	419
Deficit, 1958	5,384
	<u>£ 15,910</u>

UNION FEES—

Balance 1st January, 1958	5
Fees received for year 1958	30,677
	<u>£ 30,682</u>

ADULT EDUCATION—

Grant by H.M. Government of S.A.	4,000
Fees: Tutorial Classes	3,676
Special Schools and Courses	4,435
Community Arts Service	56

£ 22,167

ACCUMULATED INCOME ACCOUNT—

Credit Balance brought forward 1/1/58	498
Surplus, 1958	2,276
	<u>£ 2,774</u>

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1958.

EXPENDITURE

										£
ANTI-CANCER COMMITTEE—										
Salaries										11,681
Payroll Tax and Insurance										292
Radon Department										12
Equipment										1,412
Library										220
Sundries										1,044
Linear Accelerator Maintenance										877
Grant to Department of Organic Chemistry										372

£ 15,910
UNION FEES—

Paid to Union Council										30,208
Refunded to Students										474

£ 30,682
ADULT EDUCATION—

Administrative Salaries										5,747
Honoraria—Tutors and Lecturers										6,633
Payroll Tax and Insurance										319
Director's Travelling Expenses										73
Travelling Expenses of Tutors and Lecturers										470
Printing and Programmes										477
Advertising										130
Library										153
Administration Expenses										281
Schools and Courses Expenses										3,303
Tutorial Class Expenses										79
Furniture and Equipment										680
Depreciation on Motor Vehicle										250
Purchase of Motor Vehicle										879
Miscellaneous Expenditure										417
Surplus, 1958										2,276

£ 22,167
ACCUMULATED INCOME ACCOUNT—

Balance carried forward										2,774
-------------------------	--	--	--	--	--	--	--	--	--	-------

£ 2,774

THE UNIVERSITY
STATEMENT OF SEPARATE

INCOME

	£
MEDICAL RESEARCH COMMITTEE, 1958—	
N.H.M.R.C. Grant	1,500
Sheridan Income Account	4,347
Sewell Myers Income Account	1,129
G. M. Dowling Income Account	2,261
J. T. Mortlock Income Account	880

£ 10,117

PUBLIC EXAMINATIONS BOARD—	
Balance 1st January, 1958	8,671
Fees received for year 1958	33,259
Sundry Income	1,014

£ 42,944

BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Balance 1st January, 1958	8,004
Fees received for year 1958	7,652

£ 15,656

PHARMACY—	
Pharmaceutical Society Grant for Pharmacy Classes	1,250
Reimbursement of Laboratory Expenses by Pharmaceutical Society of S.A.	375
Pharmacy Fees	228

£ 1,853

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1958.—Continued

EXPENDITURE

	£
MEDICAL RESEARCH COMMITTEE, 1958—	
Salaries, Payroll Tax and Insurance	2,670
Departmental Expenditure:	
Physiology	943
Pathology	1,369
Dentistry	298
Medicine	1,511
Biochemistry	95
Anatomy	1,250
Obstetrics	28
Agricultural Chemistry	154
Physics	1,591
Bacteriology	8
Grant to Australian Journal of Experimental Biology and Medical Science	200
	<u>£ 10,117</u>
PUBLIC EXAMINATIONS BOARD—	
Salaries	6,912
Examiners, Supervisors and Local Secretaries	12,799
Printing and Stationery	6,903
Furniture	4,227
Hire of Halls	340
Postages and Petty Cash	160
Sundries	433
Administration Charges	2,495
Balance, 31st December, 1958	8,675
	<u>£ 42,944</u>
BOARD OF PUBLIC EXAMINATIONS IN MUSIC—	
Clerical Expenses	240
Printing and Stationery	518
Examiners and Supervisors Fees and Travelling Expenses	569
Sundries	247
Scholarships and Prizes	273
Organist	50
A.M.E.B. Adjustments	121
Administration Charges	575
Balance 31st December, 1958	13,063
	<u>£ 15,656</u>
PHARMACY—	
Salaries	376
Printing and Stationery	113
Sundries	9
Laboratory Maintenance	£ 382
Add Reimbursement due 1/1/58	29
	<u>411</u>
Less Reimbursement due 31/12/58	36
	<u>375</u>
Transferred to University Income and Expenditure A/c.—	
Fees	228
Unexpended Balance of Grant	752
	<u>980</u>
	<u>£ 1,853</u>

THE UNIVERSITY

STATEMENT OF SEPARATE

INCOME

	£
EDWARD NEALE TRUST FUND—	
Income for the year 1958	<u>£1,000</u>

HOSPITAL FEES—

Royal Adelaide Hospital—Honorary Staff	3,606
Director-General of Medical Services	1,485
Queen Victoria and Queen Elizabeth Hospitals	1,233
Adelaide Children's Hospital	66
Adelaide Children's Hospital—Honorary Staff	161
Dental Hospital	350

£6,901

RESIDENTIAL COLLEGES—

Commonwealth Grant through H.M. Government of S.A.	8,300
Additional Grant through School of Mines	300

£8,600

OF ADELAIDE

ACCOUNTS FOR THE YEAR 1958.—Continued

EXPENDITURE

£

EDWARD NEALE TRUST FUND—

Transferred to Anti-Cancer Fund, 1958	£1,000
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HOSPITAL FEES—

Royal Adelaide Hospital—Honorary Staff	3,606
Director-General of Medical Services	1,485
Queen Victoria Maternity Hospital	£ 818
Queen Elizabeth Maternity Hospital	587
	<u>1,405</u>
Less paid account 1957 Fees	203
	<u>1,202</u>
Balance (paid to Hospitals in 1959)	31
	<u>1,233</u>
Adelaide Children's Hospital	66
Adelaide Children's Hospital—Honorary Staff	161
Dental Hospital	350

£ 6,901

RESIDENTIAL COLLEGES—

St. Mark's College	2,378
Lincoln College	2,248
St. Ann's College	1,987
Aquinas College	1,987

£ 8,600

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1959

PART IV

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Degree of Master of Economics - - - - -	521
Degree of Bachelor of Science - - - - -	522
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Degree of Doctor of Science - - - - -	530
Degree of Bachelor of Agricultural Science - - - - -	531
Degree of Master of Agricultural Science - - - - -	535
Degree of Bachelor of Engineering - - - - -	537
Degree of Master of Engineering - - - - -	540
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Degree of Doctor of Medicine - - - - -	568
Degree of Master of Surgery - - - - -	570
Degree of Bachelor of Dental Surgery - - - - -	572
Degree of Master of Dental Surgery - - - - -	576
Degree of Doctor of Dental Science - - - - -	578
Diploma of Associate in Music - - - - -	579
Fellowship of the Elder Conservatorium of Music -	583
Degree of Bachelor of Music - - - - -	584
Degree of Doctor of Music - - - - -	588
Diploma in Public Administration - - - - -	589
Diploma in Pharmacy - - - - -	591
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REGULATIONS

For conditions of matriculation, see Chapter IX of the Statutes.
The numbers in brackets after the subjects refer to the syllabuses.

OF THE DEGREE OF BACHELOR OF ARTS REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Arts. A candidate may obtain either degree or both.

*2. The following shall be the subjects of lectures and examinations for the Ordinary degree:

Greek I (1), II (2), and III (3);
Latin I (5), II (6), and III (7);
Ancient History (8);
Comparative Philology (9);
French I (31), II (32), and III (33);
German IA (40), I (41), II (42), and III (43);
English Language and Literature I (21), II (22), and III (23);
Social History (51);
History I (52), IIA (54), IIB (55), and III (56);
Politics I (61), IIA (62), IIB (63), IIIA (64), and IIIB (65);
Economics I (151), II (152), and III (153);
Social Economics (150);
Geography I (91), II (92), and III (93);
Economic Geography (95);
Philosophy I (71), IIA (72), IIB (73), IIIA (74), and IIIB (75);
Psychology IA (80), I (81), IIA (82), IIB (83), IIIA (84), and IIIB (85);
Education (101);
General Mathematics (201);
Pure Mathematics I (202), II (203), and III (205);
Statistical Methods (213), and Mathematical Statistics (214);
Music I (121), II (123), and III (125).

Science Subjects:

Applied Mathematics I (207), II (209), and III (211);
General Physics (221), Physics I (223), and II (224);
Chemistry I (231), Chemistry II (235), Physical and Inorganic Chemistry II (233), and Organic Chemistry II (236);
Botany I (261) and II (262);
Zoology I (271) and II (274);
Geology I (251) and II (252);
Biology (269);
Genetics I (296).

Each of the above-mentioned divisions of a subject (e.g., Greek I) or an undivided subject (e.g. Comparative Philology) is a course in that subject, except that Greek II counts as two courses.

* Awaiting allowance at time of printing.

Subject which may be counted for the degree only by candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

Sociology (839);

3. A candidate for the Honours degree shall attend lectures regularly and pass examinations in one of the following schools:

- (a) Classics (11),
- (b) English Language and Literature (28),
- (c) French Language and Literature (38),
- † (d) History (58),
- (e) Economics (158),
- (f) Geography (98),
- (g) Philosophy (78),
- (h) Mathematics (218),
- * (i) German Language and Literature (47),
- † (j) Politics (68),
- ** (k) Psychology (86),

or in a combined school approved by the Faculty and including such subjects of two schools as shall be deemed equivalent to those of a single school.

† A candidate desiring to enter for an Honours school must obtain the approval of the Head of the school concerned. The final examination may not, except by special permission of the Faculty, be taken until four years of study have been completed after matriculation.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class	Second Class	Third Class
	Division I	
	Division II	

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

A candidate who is unable to complete the course for the Honours degree or whose work is unsatisfactory at any stage of the course may be allowed or required by the Faculty to take the course for the Ordinary degree, and may, as the Faculty shall in each case determine, count as courses or sequences of courses towards that degree such courses or sequences of courses as he may have completed in subjects that are not common to the two degrees, provided that he complies in all other respects with the requirements for the Ordinary degree.

4. A candidate for the Ordinary degree shall attend lectures regularly and pass examinations in ten of the courses set out in Regulation 2; the ten courses required for the degree shall comply with the prescriptions laid down in the schedules.

* Allowed 11th November, 1954.

† Allowed 25th August, 1955.

‡ Allowed 22nd December, 1955.

** Allowed 9th January, 1958.

5. Schedules defining the range of study and the examinations to be passed by candidates for either the Honours degree or the Ordinary degree shall be drawn up from time to time by the Faculty and submitted to and approved by the Council. Such schedules shall take effect as from the date of approval by the Council or such other date as the Council shall determine and shall be published in the next University Calendar which is issued after that approval has been given.

6. Except by permission of the Faculty a candidate shall not proceed to a course for which he has not completed the pre-requisite courses prescribed in the syllabuses.

7. A candidate may be excused attendance at lectures in any subject in which he desires to be examined, but only upon grounds approved by the Council. Exemption in more than two subjects in any one year will be allowed only in exceptional circumstances.

8. A candidate shall do such written or practical work as may be prescribed by the Professor or Lecturer.

*9. Except in special cases approved by the Council the annual examinations shall take place towards the end of the academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in a subject may be taken into consideration at the final examination in that subject.

10. A candidate who fails to pass in a subject and who desires to take the subject again shall again attend lectures and do practical work in the subject to the satisfaction of the Professors and Lecturers, unless exempted therefrom by the Faculty of Arts.

11. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form, such entry to be subject to approval by the Faculty.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

12. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Arts, may on written application be granted such exemption from the requirements of these regulations as the Council shall determine.

* Allowed 20th December, 1956; amendment awaiting allowance at time of printing.

13. No graduate who has obtained the Honours degree of Bachelor of Science in the School of Mathematics may obtain the Honours degree of Bachelor of Arts in that school, and no graduate who has obtained the Honours degree of Bachelor of Economics may obtain the Honours degree of Bachelor of Arts in the School of Economics.

†14. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Allowed 18th October, 1956. Allowed 17th January, 1952.

Schedules made by the Council under Regulations 5 and 14

SCHEDULE I: THE HONOURS DEGREE

1. Every candidate for an Honours degree shall pass in Course I in a language other than English or in an examination in a language other than English approved by the Faculty.

2. Except in special circumstances approved by the Council, a candidate must complete, either before or in the year in which he presents himself for the final Honours examination, the following courses:

- (a) For the Honours degree in Classics:
Greek I, II and III;
Latin I, II and III;
Comparative Philology;
English Language and Literature I.
- (b) For the Honours degree in Latin:
Latin I, II and III;
Greek I;
Three other courses, of which at least two must be in sequence.
Instruction will be offered in Elementary Greek.
- (c) For the Honours degree in English Language and Literature:
There shall be alternative schemes of study: A and B.

Scheme A:

English Language and Literature I, II and III;
Old and Middle English I and II;
Two additional courses, including at least one course in a language other than English.

Scheme B:

English Language and Literature I, II and III;
A sequence of three courses in another subject approved by the Faculty;
Two additional courses.
Course I in a language other than English must be presented as one of the five elective courses.

- (d) For the Honours degree in French Language and Literature:
 French I, II and III;
 Old and Middle French I and II;
 Courses I and II in another subject for the ordinary degree;
 One additional course. Comparative Philology may take the place of Course III in a language other than English.
 Latin I must be taken by all students who have not already passed in it or in Latin at the Leaving Honours Examination.
- (e) For the Honours degree in History:
 History I, History II (A or B);
 History II (A or B), and III;
 An examination in a language other than English approved by the Faculty.
 Five other courses, preferably including either (a) Social Economics or Economics I and History II (A or B); or
 (b) a third-year course in another Department.
- (f) For the Honours degree in Economics:
 Economics I, II and III;
 History IIB;
 Economic Statistics I;
 Three other courses;
 An examination in a language other than English approved by the Faculty.
- (g) For the Honours degree in Geography:
 Geography I, II and III;
 Course I of any Science subject specified in Regulation 2, except Applied Mathematics;
 Courses I, II and III in History, Economics or some other subject approved by the Faculty: provided that a candidate who wishes to present Geology II may do so in lieu of Course III in this subject;
 Course I in a language other than English.
- (h) For the Honours degree in Philosophy:
 Philosophy I, IIA, IIB and IIIA;
 Courses I, II and III in another subject for the Ordinary degree or Courses I and II in another subject for the Ordinary degree together with Philosophy IIIB;
 One additional course.
 Course I in a language other than English must be presented as one of the elective courses.
- (i) For the Honours degree in Mathematics:
 The first-year and second-year Honours courses in Pure Mathematics;
 Applied Mathematics I and II and Statistical Methods;
 Two additional courses not included in the Science subjects, and such other courses as may be prescribed, with the concurrence of the Faculty, by the Professor of Mathematics.

- (j) For the Honours degree in German:
German IA *or* I, II and III;
Interim Honours German I and II;
Courses I and II in another subject for the Ordinary degree;
One additional course.
- (k) For the Honours degree in Politics:
Politics I, II (*A or B*), Politics IIIA and IIIB;
History IIA;
Social Economics *or* Economics I;
Two other courses;
An examination in a language other than English approved
by the Faculty.
- (l) For the Honours degree in Psychology:
Psychology I, IIA and IIIA;
Psychology IIB and IIIB;
Courses I and II in another subject for the Ordinary degree;
One additional course.
Course I in a language other than English must be
presented as one of the three elective courses.

3. In addition to the courses specified in paragraph 2 of this schedule every candidate shall undertake during the second, third and fourth years of his course such Honours work as the Head of the Department shall require.

4. Except by permission of the Faculty a candidate shall take the whole of the final examination for the Honours degree at the one annual examination.

SCHEDULE II: THE ORDINARY DEGREE

The ten courses presented by a candidate for the Ordinary degree shall include:

- (a) at least one course in a language other than English, provided that a candidate whose mother tongue is not English and who has passed an examination in his mother tongue approved by the Faculty may satisfy this requirement by including a course in English.
- (b) at least one course in a Science subject or Philosophy I, and not more than four courses in Science subjects;
- (c) not more than four courses which have been presented for any other degree;
- (d) not more than five of the following: Greek I, Latin I, Ancient History, French I, German IA *or* I, English I, Social History, History I, Politics I, Economics I, Social Economics, Geography I, Economic Geography, Philosophy I, Psychology I *or* IA, General Mathematics *or* Pure Mathematics I, Applied Mathematics I, General Physics *or* Physics I, Chemistry I, Botany I, Zoology I, Biology, Geology I, Music I;

(e) two of the following sequences of three courses each, permissible sequences being indicated by the arrows:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Greek I	→ Greek II	→ Greek III → Comparative Philology
2. Latin I	→ Latin II	→ Latin III → Comparative Philology
3. French I	→ French II	→ French III → Comparative Philology
4. German IA or I	→ German II	→ German III → Comparative Philology
5. English I	→ English II	→ English III
6. History I	→ History II (A or B)	→ History III → Politics IIIB
7. Politics I	→ Politics II (A or B)	→ Politics III (A or B)
8. Economics I	→ Economics II	→ Economics III
9. Geography I	→ Geography II	→ Geography III
10. Philosophy I	→ Philosophy IIA → Philosophy IIB	→ Philosophy IIIA → Philosophy IIIB
11. Psychology I	→ Psychology IIA or IIB	→ Psychology IIIA or IIIB
12. Pure Mathematics I	→ Pure Mathematics II → Statistical Methods	→ Pure Mathematics III → Mathematical Statistics
*13 Applied Mathematics I	→ Applied Mathematics II	→ Applied Mathematics III
14. Music I	→ Music II	→ Music III

The following are permissible sequences of three courses each, for candidates who have qualified for the Diploma in Social Science or the Diploma in Social Studies:

<i>First Course</i>	<i>Second Course</i>	<i>Third Course</i>
1. Psychology I	→ Psychology IIB	→ Sociology
2. Social History	→ History IIA	→ History III
3. Social Economics or Economics I	→ History IIB	→ History III

*N.B. Candidates should note that Pure Mathematics I is pre-requisite for Applied Mathematics II, and that both Applied Mathematics II and Pure Mathematics II are pre-requisite for Applied Mathematics III.

No course shall be counted twice, and a candidate shall not present both of the following pairs of subjects:

- Ancient History and *either* Greek II or Greek III;
- Ancient History and *either* Latin II or Latin III;
- English I and English IA;
- German I and German IA;

Economics I and Social Economics;
 Geography I and Economic Geography;
 Psychology I and Psychology IA;
 General Mathematics and Pure Mathematics I;
 General Physics and Physics I.

SCHEDULE III: FEES

A. Ordinary Degree of B.A.:

- (1) For attendance (or re-attendance) at lectures and annual examination in each course except in Science subjects - - - - £10 10 0
- (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures 5 5 0
- (3) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science.

B. Honours Degree of B.A.:

- (1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A.
- (2) For each Interim Honours course - - - 10 10 0
- (3) For instruction and final examination in the following schools:

Classics	-	-	-	-	-	-	-	42	0	0
Politics	-	-	-	-	-	-	-	42	0	0
History	-	-	-	-	-	-	-	42	0	0
Philosophy	-	-	-	-	-	-	-	42	0	0
Mathematics	-	-	-	-	-	-	-	52	10	0
English Language and Literature:										
Under Scheme A	-	-	-	-	-	-	-	52	10	0
Under Scheme B	-	-	-	-	-	-	-	42	0	0
French Language and Literature	-	-	-	-	-	-	-	42	0	0
Economics	-	-	-	-	-	-	-	42	0	0
Geography	-	-	-	-	-	-	-	42	0	0
German	-	-	-	-	-	-	-	42	0	0
Psychology	-	-	-	-	-	-	-	52	10	0

Note: These fees cover all work, except courses for the Ordinary degree and interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

ASSOCIATE IN ARTS AND EDUCATION
REGULATIONS

*1. To qualify as an Associate in Arts and Education a candidate shall:

- (a) have matriculated;
- (b) attend lectures regularly and pass examinations in—
 - (i) Education (101),
 - (ii) four other courses set out in Regulation 2 of the degree of Bachelor of Arts,
 - (iii) professional courses as set out in Schedule I.

2. A candidate will not be admitted to a course in Mathematics or in a language other than English unless he has satisfied the requirements for admission to the course as prescribed from time to time.

3. A candidate who has fulfilled these conditions shall receive a diploma which will entitle him to be styled an Associate of the University, and to use the letters A.U.A.

4. A candidate may be granted exemption from attendance at lectures on any subject of examination, but only under the conditions prescribed in Regulation 7 of the Degree of Bachelor of Arts.

†5. (a) A graduate in Arts shall not be eligible to qualify also as an Associate in Arts and Education.

(b) Except as provided for in paragraph (c) of this regulation, not more than two subjects shall be presented both for the diploma in Arts and Education and for any other degree or diploma.

* (c) Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Arts may count towards that degree subjects which he has already presented for the diploma provided:

- (i) that he fulfils the requirements for the degree in all respects, and
- (ii) that he surrenders his diploma before being admitted to the degree.

*6. (a) An unmatriculated student who enrolled before June 30, 1958, as a candidate for this diploma may qualify for the diploma under the Regulations previously in force if by the beginning of the academic year in 1960 he has passed in four of the subjects set out in Regulation 2 of the degree of Bachelor of Arts. Such a student may alternatively fulfil the requirements of Regulation 1 (b) above.

(b) Only in special circumstances may a student who has passed in less than four subjects at the beginning of the academic year in 1960 be permitted to qualify for the diploma without having fulfilled the requirements for matriculation.

Note: The Council has prescribed the fee of £5 5s. for the granting of the diploma.

Allowed 10th July, 1947. † Allowed 16th December, 1948.

* Awaiting allowance at time of printing.

SCHEDULE I: PROFESSIONAL SUBJECTS

The subjects under Section b (iii) of Regulation 1 are:

- Hygiene (105);
- Educational Psychology (116 and 117);
- Principles of Pre-Primary Education I (106, 107 and 108); *or*
- Principles of Primary Education I (109, 110 and 111); *or*
- Principles of Secondary Education I (112, 113 and 114).

OF THE DIPLOMA IN EDUCATION

REGULATIONS

1. There shall be a diploma in Pre-Primary Education, a diploma in Primary Education, and a diploma in Secondary Education. A candidate may take any one or more than one of the diplomas.

2. (a) A candidate for the diploma in Pre-Primary Education or for the diploma in Primary Education shall either (i) have obtained a degree of the University in Arts, Science, Economics, or Agricultural Science, or (ii) have passed the prescribed examinations in ten courses in the Faculty of Arts, of which English Language and Literature I shall be one.

(b) A candidate for the diploma in Secondary Education shall be a graduate of the University in Arts, Science, Economics, or Agricultural Science.

†(c) A candidate who has obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, to proceed to the diploma in Pre-Primary, Primary or Secondary Education.

*3. To obtain the diploma a candidate shall have attended lectures and passed examinations in the following subjects:

- (a) Psychology IA (80) or I (81);
- (b) Education (101);
- (c) Hygiene (105);
- (d) Educational Psychology (116 and 117);
- (e) The Principles of Pre-Primary Education (106, 107, 108); or
The Principles of Primary Education (109, 110, 111); or
The Principles of Secondary Education (112, 113, 114);

and shall have taken a course of practical work in teaching (119) in such schools and under such supervision as have been approved by the Council.

4. A candidate may be excused attendance at lectures or practical work, but only on grounds approved by the Council.

* Allowed 7th December, 1939; amended 9th January, 1958.

† Allowed 14th December, 1950.

ERRATUM

SCHEDULE I: PROFESSIONAL SUBJECTS

The list of professional subjects on page 512 is not correct. The Faculty of Arts is recommending that the professional subjects be as follows:

Educational Psychology I (116);
Principles of Education I (Pre-Primary (106) *or* Primary (109)
or Secondary (112));
Principles of Education II, Part A (Pre-Primary (107) *or* Primary
(110) *or* Secondary (113));
Practical Teaching (119).

January 12, 1959.

5. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the diploma in Education, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

6. Schedules defining the approved courses of study and professional work shall be drawn up from time to time by the Faculty of Arts and approved by the Council.

†7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡ Allowed 18th October, 1956.

Allowed 8th December, 1938.

Schedule of Fees prescribed by the Council under Regulation 7

A. For attendance (or re-attendance) at lectures and annual examination:

(1) In Hygiene - - - - -	£5 5 0
(2) In Educational Psychology, Parts I and II— each part - - - - -	5 5 0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II and III —each part - - - - -	5 5 0

B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - - 2 12 6

C. For the course in Practical Teaching - - - - - 5 5 0

D. For the Diploma - - - - - 5 5 0

OF THE DEGREE OF MASTER OF ARTS REGULATIONS

1. A Bachelor of Arts may proceed to the degree of Master of Arts by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one year from the date of his admission to the Honours degree of Bachelor of Arts.

*2. A candidate for the degree shall first satisfy the Faculty of his ability to proceed to the degree in the subject of study he selects. To do this he must—

- (a) have obtained the Honours Degree of Bachelor of Arts in the school to which his subject of study relates; or
- (b) have passed in all the ordinary courses that are compulsory for the Honours Degree of Bachelor of Arts, and in addition an examination of honours standard, in the school or schools to which his subject of study relates; or
- (c) submit other evidence that will satisfy the Faculty that his case deserves special approval.

* Allowed 14th December, 1944.

3. Every candidate shall either

- §(a) present a satisfactory thesis on a subject approved by the Faculty of Arts, and shall, if required, adduce sufficient evidence that the thesis is his own work: provided that in Classics or Mathematics a candidate may present himself for an examination in lieu of presenting a thesis; or
- (b) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work selected from two departments within the Faculty, and approved by the Faculty.

‡ For the purpose of section (b) of this regulation, the following combined courses are approved by the Faculty:—Philosophy and Mathematics, Philosophy and Greek, Philosophy and English Language and Literature, Philosophy and Politics, Philosophy and History, Politics and History, Politics and Classics, History and Classics, Politics and Economics, History and Economics, History and English Language and Literature, English Language and Literature and Latin, English Language and Literature and Greek, Mathematics and Greek, Latin and French, English Language and Literature and French, French and History, French and Philosophy.

The Faculty will consider applications for permission to take combined courses other than those set out above.

*4. Candidates who have obtained the degree of Bachelor of Arts or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that they comply with Regulation 2, to proceed to the degree of Master of Arts.

‡5. An approved copy of each thesis accepted for the degree shall be deposited by the candidate in the University library before he is admitted to the degree.

**6. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

7. All previous regulations of the degree of Master of Arts are hereby repealed. Candidates who have graduated as Bachelors of Arts in or before the year 1930 and who wish to proceed under the regulations hereby repealed must apply to the Council to have their position defined. In any case, all candidates proceeding under the regulations hereby repealed must complete the course not later than December, 1933.

§ Amended 14th December, 1950.

‡ Allowed 11th November, 1954.

* Allowed 17th December, 1931.

‡ Allowed 30th November, 1933.

** Allowed 18th October, 1956.

Allowed 10th December, 1930.

Schedule of Fees prescribed by the Council under Regulation 6**A. Under Regulation 2 (b and c):**

- (1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - - £21 0 0
- (2) For guidance without instruction - - - - - 10 10 0

B. Under Regulation 3:

- On approval of the subject of the thesis or on beginning the course of study - - - - - 10 10 0

C. On submission or re-submission of the thesis - - - - - 10 10 0**D. On admission to the degree - - - - - 10 10 0**

**OF THE DEGREE OF DOCTOR OF LETTERS
REGULATIONS**

1. A person who is

- (a) a Bachelor of Arts, with Honours, of four years' standing, or
 (b) the holder of any Master's degree of three years' standing, or
 (c) the holder of any Doctor's degree

in the University of Adelaide, may proceed to the degree of Doctor of Letters by complying with the following regulations.

2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original, substantial and scholarly contribution to some branch of letters.

The degree shall be awarded primarily on a consideration of such of his published works as a candidate may submit for examination, but the examiners may take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Arts, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published and unpublished work shall acknowledge the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He shall also state in general terms the grounds of his claims to have made an original contribution.

3. Four copies of the work submitted for the degree shall be forwarded to the Registrar, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may, on the recommendation of the Faculty of Arts, be admitted to the degree of Doctor of Letters.

*5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 18th October, 1956.

Allowed 11th November, 1954.

Schedule of Fees prescribed by the Council under Regulation 5

A. On approval of the subject of the work	-	-	-	£31	10	0
B. On admission to the degree	-	-	-	10	10	0

**OF THE DEGREE OF BACHELOR OF ECONOMICS
REGULATIONS**

1. There shall be an Ordinary and an Honours degree of Bachelor of Economics. A candidate may obtain either degree or both.

2. The course of study for the Ordinary degree shall extend over three years and that for the Honours degree over four years. A candidate for the Ordinary degree shall attend lectures and pass examinations in accordance with the provisions of Schedule I; a candidate for the Honours degree shall attend lectures and pass examinations in accordance with the provisions of Schedule II.

*3. There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

4. The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

Third Class

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the work for the Honours degree.

5. No graduate who has obtained the Honours degree of Bachelor of Arts in the school of Economics may obtain the Honours degree of Bachelor of Economics.

6. Except by permission of the Faculty a candidate shall not proceed to a subject for which he has not completed the pre-requisite subjects or preparatory work as prescribed in the syllabuses.

7. A candidate shall do such written or practical work in any subject as may be prescribed by the professor or lecturer concerned.

* Allowed 22nd December, 1955.

8. A candidate may be exempted from attendance at lectures in any subject approved by the Faculty, but only upon grounds approved by the Council. Exemption from attendance at lectures in more than two subjects in any one year will be allowed only in very exceptional circumstances.

*9. The annual examinations shall be held towards the end of each academic year. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

10. Written or practical work done by candidates by direction of the professor or lecturer concerned and the results of terminal or other examinations held during the year may be taken into consideration at the final examination in any subject.

11. A candidate who fails to pass in any subject shall again attend lectures and do written or practical work in that subject to the satisfaction of the professor or lecturer concerned, unless granted exemption from doing so by the Faculty.

12. A candidate who has twice failed to pass the annual examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who has failed to comply with the provisions of Regulation 9 shall be deemed to have failed to pass the examination.

13. A candidate who has passed equivalent examinations in the University or otherwise and who desires that the examinations which he has passed should be counted *pro tanto* for the degree of Bachelor of Economics, may, on written application, be granted such exemption from the requirements of these regulations as the Council may determine.

14. Not more than four subjects which have been presented for any other degree or for any diploma other than the diploma in Commerce or the diploma in Public Administration may be counted towards the degree of Bachelor of Economics.

A candidate who holds the Diploma in Commerce or the Diploma in Public Administration may be granted such status in the course for the degree of Bachelor of Economics as the Faculty shall in each case determine; Provided that if status be granted for more than four subjects the candidate shall surrender his Diploma before being admitted to the degree.

15. If in any year the number of students desiring to attend lectures in any subject be fewer than a minimum fixed by the Council, the course of lectures in that subject may be suspended for that year.

*Allowed 20th December, 1956.

16. Schedules defining the course of study, including lectures and practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Economics and be submitted to and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine and shall be published in the next University calendar which is issued after that approval has been given.

17. A candidate who by December, 1951, had matriculated and passed in at least four subjects in the course for the degree of Bachelor of Economics under the regulations hereby repealed may complete the course for the degree under those regulations provided that he does so not later than December 31, 1956.

Allowed 17th January, 1952.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 2 AND 16

SCHEDULE I—THE ORDINARY DEGREE

1. The subjects for the Ordinary degree shall be:

Economics I, II, III;
Economic Statistics I, II;
Economic Development I, II;
Economic Geography;
Elements of Accounting, Management Accounting, Financial Accounting, Cost Accounting;
Commercial Law A, B;
Arts subjects as listed for the Ordinary degree of Bachelor of Arts except for the Science subjects.

2. Except as provided for in Clause 3, a candidate for the Ordinary degree shall pass in eleven subjects. There shall be alternative schemes of study as follows:

Scheme A (Commerce):

Economics I, II, III;
Economic Statistics I;
Economic Geography or General Mathematics or Pure Mathematics I;
Economic Development I;
Elements of Accounting, Management Accounting, Financial Accounting;
Commercial Law A;
Commercial Law B, or Cost Accounting (or in special cases,* by approval of the Dean, another subject).

* It is the intention of the Faculty that these special cases will be limited to candidates who, having embarked on one scheme, wish at the end of their first year to transfer to the other scheme.

Scheme B (General Economics):

Economics I, II, III;
 Economic Statistics I;
 Economic Development I, II;
 Elements of Accounting;
 Economic Geography or General Mathematics or Pure Mathematics I;
 Three subjects, approved by the Dean, provided that not more than two shall be first year subjects.

Provided that:

- (i) no candidate may present Economic Development I and History IIB, or Economic Geography and Geography I; and
- (ii) in special cases, by approval of the Dean, History IIB may be presented *in lieu* of Economic Development I and Geography I* *in lieu* of Economic Geography.

3. A graduate in another Faculty of the University of Adelaide may be exempted by the Dean as follows:

Under Scheme A: from three of the subjects of Economic Geography, Commercial Law A, Commercial Law B, and Financial Accounting;

Under Scheme B: from the "three subjects".

If such exemption is granted the candidate may not present for the degree of Bachelor of Economics more than one other subject already passed in any other Faculty.

4. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

5. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

* It is the intention of the Faculty that these special cases will be limited to candidates who intend to proceed to Geography II.

SCHEDULE II—THE HONOURS DEGREE

1. A candidate for the Honours degree shall:

- (a) pass in ten subjects prescribed for the Ordinary degree. There shall be alternative schemes of study as follows:

Scheme A:

Economics I, II, III;
 Economic Statistics I;
 Economic Development I, II;
 Economic Geography or General Mathematics or Pure Mathematics I;
 Elements of Accounting, Management Accounting;
 Commercial Law A (or in special cases,* by approval of the Dean, another subject).

* See footnote on preceding page.

Scheme B:

Economics I, II, III;
 Economic Statistics I;
 Economic Development I, II;
 Elements of Accounting;
 Economic Geography *or* General Mathematics *or* Pure
 Mathematics I;
 Two subjects approved by the Dean.

Provided that:

- (i) no candidate may present Economic Development I and History IIB, or Economic Geography and Geography I; and
- (ii) in special cases, by approval of the Dean, History IIB may be presented *in lieu* of Economic Development I and Geography I* *in lieu* of Economic Geography.
- (b) undertake in the first three years such preliminary Honours work as the Professor of Economics may prescribe; ** and
- (c) devote a further year to the study of, and pass examinations in, such additional work in Economics and in allied subjects as the Professor of Economics may prescribe.

2. Courses of study must be approved by the Dean (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the degree prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean provided that a candidate shall not lose credit for a subject already completed.

* It is the intention of the Faculty that these special cases will be limited to candidates who intend to proceed to Geography II.

** Except in special cases, preliminary Honours work will not be undertaken before the third year.

SCHEDULE III—FEES

A. For attendance (or re-attendance) at lectures and annual examination:

- (1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule.
- (2) For each other subject - - - - - £10 10 0
- (3) For a special examination in any subject or for an annual examination with exemption from attendance (or re-attendance) at lectures - - - - - 5 5 0

B. For the Honours work and final Honours examination in Economics - - - - - 42 0 0

OF THE DEGREE OF MASTER OF ECONOMICS
REGULATIONS

1. A Bachelor of Economics may proceed to the degree of Master of Economics by complying with the following regulations, but may not be admitted to the degree until the expiration of two academic years from the date of his admission to the Ordinary degree or one academic year from the date of his admission to the Honours degree of Bachelor of Economics.

2. A candidate for the degree of Master of Economics must—

- (a) have obtained the Honours degree of Bachelor of Economics; or
- (b) have passed an examination of standard equivalent to that required for the Honours degree of Bachelor of Economics; or
- (c) present evidence which satisfies the Faculty of Economics that he may be exempted from the whole or part of the foregoing examination.

3. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis. The Faculty of Economics if it approve the subject of his research may appoint a supervisor to guide the candidate in his work.

4. The Faculty shall appoint a Board of Examiners to report upon the thesis.

5. A candidate who has obtained the degree of Bachelor of Economics or its equivalent in a University recognised by the University of Adelaide may be allowed by the Council, on conditions to be determined in each case, and provided that he complies with Regulation 2, to proceed to the degree of Master of Economics.

6. An approved copy of each thesis accepted for the degree shall be deposited by the candidate in the University library before he is admitted to the degree.

7. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Economics be admitted to the degree of Master of Economics.

*8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

• Allowed 18th October, 1956.

Allowed 22nd January, 1953.

Schedule of Fees prescribed by the Council under Regulation 8**A. Under Regulation 2 (b and c):**

(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics	-	-	-	-	-	-	-	-	£21	0	0
(2) For guidance without instruction	-	-	-	-	-	-	-	-	10	10	0
B. On approval of the subject of the thesis	-	-	-	-	-	-	-	-	10	10	0
C. On submission or re-submission of the thesis	-	-	-	-	-	-	-	-	10	10	0
D. On admission to the degree	-	-	-	-	-	-	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF SCIENCE
REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Science. A candidate may obtain either degree or both.

*2. The subjects of study for the Ordinary degree shall be as follows:

Group A: General Mathematics (201) *or* Pure Mathematics I (202); Applied Mathematics I (207), General Physics (221) *or* Physics I (223), Chemistry I (231), Geology I (251), Botany I (261), Zoology I (271), Biology (269).

Group B: Pure Mathematics II (203), Applied Mathematics II (209), Statistical Methods (213), Physics II (224), Chemistry II (235), Physical and Inorganic Chemistry II (233), Organic Chemistry II (236), Geology II (252), Botany II (262), Zoology II (274), Biochemistry I (281), Bacteriology I (291), Genetics I (296), Histology (301).

Group C: Pure Mathematics III (205), Applied Mathematics III (211), Mathematical Statistics (214), Physics III (226) *or* Physics IIIA (225), Physical and Inorganic Chemistry III (237), Organic Chemistry III (239), Geology III (254), Botany III (265), Zoology III (275), Genetics II (297), Bacteriology II (292), Physiology (286), Biochemistry II (282).

Group D: Soil Science IA (245), Economics (156), Palaeontology (257), Agriculture I (361), Botany IIA (263), Scientific German (49).

* Allowed 22nd January, 1953; amended 11th November, 1954, 22nd December, 1955, and 20th December, 1956; further amendments awaiting allowance at time of printing.

†3. A candidate for the Ordinary degree shall, unless exempted therefrom, attend regularly courses of lectures and practical work and pass examinations in:

- (a) four subjects, including Physics I *or* General Physics and Chemistry I, from Group A;
- ‡(b) *either* three subjects from Group B *or* two subjects from Group B and a fifth subject from Group A;
- (c) two subjects from Group C;

provided that:

- (1) a candidate who presents either Botany I or Zoology I may not present Biology also from Group A;
- (2) if both Organic Chemistry II and Biochemistry I are submitted from Group B they must be accompanied by a third subject also from Group B;
- (3) a candidate who desires to obtain the degree of Bachelor of Science in Forestry shall comply with Regulation 4;

* (4) (Repealed);

‡(5) a candidate who presents Geology III as one of his subjects from Group C may also present *either* (a) Palaeontology in lieu of a third subject from Group B if he submits one of Genetics II, Botany III and Zoology III as his second subject from Group C, *or* (b) Palaeontology and one of Genetics I, Botany II and Zoology II in lieu of a second subject from Group C, provided that Genetics I, Botany II or Zoology II (as the case may be) be not counted as a subject from Group B;

(6) a candidate who wishes to present Applied Mathematics I as one of his subjects from Group A must present Applied Mathematics II as one of his subjects from Group B;

§(7) subject to the approval of the Faculty in each case one of the following combinations of subjects may be submitted in lieu of a subject from Group C, provided that no section of the composite subject be counted as part of the requirements from Group B, namely:

- (a) Soil Science IA, the stratigraphical section of Geology II and the climatological section of Geography III;
- (b) Soil Science IA, Agriculture I and the plant physiology, plant geography and plant ecology sections of Botany II;
- (c) Soil Science IA or Agriculture I together with any subject from Group B;

§(8) a candidate who presents both Botany III and Zoology III may not present Genetics I also except by special approval of the Faculty and subject to such conditions as the Faculty may prescribe;

† Allowed 22nd January, 1953; amendment awaiting allowance at time of printing.

* Allowed 22nd December, 1955.

‡ Allowed 20th December, 1956.

§ Amended 20th December, 1956, and 9th January, 1958.

- (9) subject to the approval of the Faculty in each case the sections of Pure Mathematics III and Physics III required of candidates for the Honours Degree in the School of Mathematical Physics may be counted in lieu of one subject from Group C, provided that Applied Mathematics III be the other subject presented from that Group;

†(10) a candidate who presents Chemistry II may not present also any one of Physical and Inorganic Chemistry II, Organic Chemistry II and Biochemistry I.

*4. A candidate for the Ordinary degree of Bachelor of Science in Forestry—

- (a) shall complete the following subjects:

From Group A: Physics I or General Physics, Chemistry I, Botany I, Pure Mathematics I or General Mathematics, Geology I;

From Groups B and D: Botany IIA, Economics and Soil Science IA. One other subject from Group B may be substituted for Soil Science IA if special permission is granted by the Faculty;

- (b) shall during the long vacations at the end of the first and second years, satisfactorily complete a total of not less than twelve weeks' work in the field under a forest authority approved by the Faculty;
- (c) shall subsequently complete a two years' course at the Australian Forestry School, Canberra, under a syllabus approved by the Council of the University;
- (d) shall present evidence to the satisfaction of the Council (a) of having satisfactorily completed the work at the Australian Forestry School, Canberra, and (b) of having had twelve months' experience, not necessarily consecutive, in work appropriate to his course in Forestry.

For the purpose of this Regulation the Australian Forestry School, Canberra, is affiliated with the University of Adelaide.

‡5. Except by permission of the Faculty of Science a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite subjects as prescribed in the syllabus for that subject.

§6. The Honours degree may be obtained in one of the following schools: (a) Mathematics, (b) Physics, (c) Chemistry, (d) Geology, (e) Botany, (f) Zoology, (g) Biochemistry, (h) Physiology, (j) Anatomy, (k) Genetics, (l) Mathematical Physics, (m) Bacteriology.

† Awaiting allowance at time of printing.

‡ Allowed 22nd January, 1953, and amended 25th August, 1955.

* Allowed 22nd January, 1953, amended 11th November, 1954, and 20th December, 1956; further amendment awaiting allowance at time of printing.

§ Allowed 22nd January, 1953; amended 25th August, 1955; further amendment awaiting allowance at time of printing.

A candidate for the Honours degree shall regularly attend lectures and practical work and shall pass examinations in one of the following subjects: (a) Mathematics (218), (b) Physics (227), (c) Chemistry (241 or 343), (d) Geology (258), (e) Botany (267), (f) Zoology (278), (g) Biochemistry (284), (h) Physiology (288), (j) Anatomy (303), (k) Genetics (298), (l) Mathematical Physics (229), (m) Bacteriology (295).

Except in the case of a candidate proceeding to the Honours degree in Mathematics or Anatomy, a candidate for the Honours degree in any subject shall not begin the final year's Honours work in that subject until he has qualified for the Ordinary Degree of Bachelor of Science and has included in his qualifications all the courses in that subject prescribed for the Ordinary degree.

Except by permission of the Faculty of Science and subject to such conditions as the Faculty may prescribe, a candidate for the Honours degree in Mathematics or Anatomy shall not begin the final year's work in that subject until he has completed:

- (a) four subjects including Physics I or General Physics and Chemistry I from Group A; and
- (b) such preliminary work in other subjects as the Faculty of Science shall determine.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

7. All examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed before the end of the second term may be held at any convenient time fixed by the Council.

‡A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Written or practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

‡Allowed 20th December, 1956.

†There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of the candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabus as pre-requisite for admission either to further courses in that subject or to other subjects.

A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Science.

Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty and under such conditions as the Faculty may prescribe.

A candidate who wishes to proceed under these provisions must enter provisionally for his year's work on a special form.

For the purpose of this regulation a candidate who fails to receive permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A candidate may be excused attendance at lectures on any subject in which he desires to be examined, but only upon grounds approved by the Council.

10. No graduate who has obtained the Honours degree of Bachelor of Arts in Mathematics can obtain the Honours degree of Bachelor of Science in that subject.

11. Students who have passed examinations *in pari materia* in other Faculties or otherwise, or who desire that their work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Science, may on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine.

*Graduates in other Faculties who wish to proceed to the degree of Bachelor of Science and to count towards that degree subjects

* Allowed 11th November, 1954.

† Allowed 22nd December, 1955.

which have been presented for any other degree, shall comply with the following conditions:

- (a) The candidate shall fulfil all the requirements for the degree of Bachelor of Science;
- (b) The candidate shall, to the satisfaction of the Faculty, take at least a further year's work in order to qualify for the degree.

12. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

Allowed 23rd January, 1947.

Schedule of Fees prescribed by the Council under Regulation 12

A. For the Ordinary Degree:

	Lectures	Practical Work
(1) General Mathematics, Pure Mathematics I, II and III, Applied Mathematics I, II and III, Statistical Methods, Mathematical Statistics, and First and Second-year Honours courses in Mathematics - - - - each	£10 10 0	
(2) General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology - each	10 10 0	£9 9 0
(3) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Geology II, Botany II, Zoology II, Bacteriology I, and Genetics I - - - each	10 10 0	15 15 0
(4) Physics III, Physics IIIA, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II and Genetics II each	£10 10 0	£26 5 0
(5) Special Subjects:		
Economics (for Forestry students)	10 10 0	
Soil Science IA - - - -	10 10 0	9 9 0
Palaeontology - - - -	10 10 0	9 9 0

	Lectures	Practical Work
Botany IIA - - - -	12 12 0	18 18 0
Histology (inclusive fee) - -	10 10 0	
A composite subject in lieu of a subject from Group C (in- clusive fee) - - - -	36 15 0	
Scientific German (for candidates other than Honours students) -	2 2 0	
B. For the Honours Degree of B.Sc.:		
For the Honours work and final examination:		
(1) In Mathematics: as for the Honours degree of B.A.		
(2) In any other subject - - -	52 10 0	

Note.—The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the Faculty deems necessary for the Honours course in the school selected.

C. For a supplementary examination (theoretical or practical or both) - - - - - £5 5 0

Notes.—(1) The cost of field excursions associated with the various subjects is not included in the annual fee.

(2) The fees for the course at the Australian Forestry School are not included in this schedule.

OF THE DEGREE OF MASTER OF SCIENCE REGULATIONS

*1. The following persons may become candidates for the degree of Master of Science: (a) Bachelors of Science, (b) Bachelors of Agricultural Science, (c) graduates in Medicine or in Veterinary Science who produce evidence that they have spent two academic years in research at an institution recognised for the purpose by the University of Adelaide and (d) other graduates whose academic qualifications are accepted by the Faculty of Science as sufficient:

†Provided that, subject to the approval of the Council, the Faculty may, at its discretion and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University but having been a full-time member of the academic staff of the University for at least three years has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

*1A. Unless the candidate has obtained the Honours Degree of Bachelor of Science or of Agricultural Science he shall, before submitting his thesis (or presenting himself for examination in Mathematics) as provided for in Regulation 4, pass such qualifying examination as the Faculty may in the circumstances deem proper.

* Allowed 14th December, 1944.

† Allowed 17th January, 1952.

2. Subject to conditions to be determined in each case a graduate of a university recognised by the University of Adelaide, whose degree is accepted by the Faculty of Science as equivalent to one of the qualifications required in regulation 1, may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

3. A candidate who holds the Honours degree of Bachelor of Science or Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor; no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

4. To qualify for the degree a candidate shall submit a thesis upon an approved subject and shall adduce sufficient evidence that the thesis is his own work. The thesis shall give the results of original research or of an investigation on which the candidate has been engaged. A candidate may also submit other contributions to science in support of his candidature. In the department of Mathematics a candidate may elect to present himself for an examination on an approved course of study in lieu of submitting a thesis.

*5. Every candidate shall give at least three terms' notice of his intended candidature, and shall indicate therewith in general terms the subject of the research work or investigation on which he proposes to submit a thesis, or the branch of Mathematics in which he wishes to be examined. The Faculty of Science, if it approve the subject of his research or his proposed course of study in Mathematics, may appoint a supervisor to guide the candidate in his work. The candidate shall submit his thesis not earlier than three terms and, except by special permission of the Faculty, not later than nine terms after approval by the Faculty of the subject of his research.

†6. The Faculty shall appoint a Board of Examiners to report upon the thesis and any supporting papers that the candidate may submit. The Board of Examiners may require any candidate to pass an examination in the branch of science to which his original research or investigation is cognate.

†7. A candidate for the degree of Doctor of Philosophy or Doctor of Science whose work is considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not to be of sufficient merit to qualify for the degree of Doctor but of sufficient merit for the degree of Master may be admitted to the degree of Master provided that he is qualified to become a candidate for the degree.

8. A candidate shall deposit a printed or typewritten copy of his thesis in the library of the University before he is admitted to the degree.

* Allowed 14th December, 1944; amendment awaiting allowance at time of printing.

† Allowed 14th December, 1944.

† Amended 8th December, 1949.

9. A candidate who complies with the foregoing conditions and satisfies the Board of Examiners shall on the recommendation of the Faculty of Science be admitted to the degree of Master of Science.

†10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡ Allowed 18th October, 1956.

Allowed 7th December, 1939.

Schedule of Fees prescribed by the Council under Regulation 10

For work in the laboratory (if required or undertaken)			
each year - - - - -	£26	5	0
On submission or re-submission of the thesis - - - - -	10	10	0
On entry for any examination required - - - - -	10	10	0
On admission to the degree - - - - -	10	10	0

OF THE DEGREE OF DOCTOR OF SCIENCE REGULATIONS

*1. A Master of Science or a Master of Engineering may proceed to the degree of Doctor of Science by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fifth academic year from the date of his graduation as Bachelor: provided that the Council, on the recommendation of the Faculty, may accept as candidates for the degree other graduates of at least five years' standing, who, in the opinion of the Faculty, have had an adequate scientific training.

†2. To qualify for the degree a candidate shall furnish satisfactory evidence that he has made an original contribution of distinguished merit adding to the knowledge or understanding of any subject with which the Faculty is directly concerned.

The degree shall be awarded primarily on a consideration of such of his published works as the candidate may submit for examination, but the examiners may also take into account any unpublished original work that he may submit in support of his candidature.

The Faculty of Science, if it approve of the subject or subjects of the work submitted, shall nominate examiners, of whom one at least shall be an external examiner.

Every candidate in submitting his published work and unpublished original work shall state generally in a preface and specifically in notes the main sources from which his information is derived and the extent to which he has availed himself of the work of others. He may also signify in general terms the portions of his work which he claims as original.

3. Two copies of the work submitted for the degree shall be forwarded to the Registrar at least six months before the date on which

* Allowed 10th January, 1946.

† Allowed 10th December, 1936, and amended 10th January, 1946.

the candidate desires to be admitted to the degree, and if the work be approved by the examiners one copy shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

4. A candidate who complies with the foregoing conditions and satisfies the examiners may on the recommendation of the Faculty of Science be admitted to the degree of Doctor of Science.

*5. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 18th October, 1956.

Allowed 3rd January, 1929.

Schedule of Fees prescribed by the Council under Regulation 5

On approval of the subject of the work -	-	-	-	£31	10	0
On admission to the degree -	-	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Agricultural Science. A candidate may obtain either degree or both.

2. Except in special cases allowed by the Council or in the case of candidates holding the diploma of Roseworthy Agricultural College, every candidate for the degree of Bachelor of Agricultural Science shall after matriculation spend four academic years at least in courses of study prescribed for the degree.

‡A candidate who holds the diploma of Roseworthy Agricultural College may, subject to the approval of the Faculty and under such conditions as the Faculty may prescribe, be permitted to complete the course of study for the degree in three years.

3. To obtain the degree, whether the Ordinary or the Honours degree, every candidate must regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed.

He must also present evidence to the satisfaction of the Council that he has had the practical experience prescribed.

4. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Agricultural Science and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University calendar which is issued after that approval has been given.

‡ Amendment awaiting allowance at time of printing.

5. A candidate may be exempted from attendance at lectures or practical work in a subject in which he desires to be examined, but only upon grounds approved by the Council.

6. A candidate for the Honours degree shall spend an additional year and attend lectures and pass examinations in such subjects of such departments of Agricultural Science, and in such additional subjects, as may be prescribed by the Faculty.

†The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes and divisions:

First Class

Second Class

Division A

Division B

7. All annual examinations shall take place towards the end of the academic year, except that practical examinations and all examinations in those subjects in which the course of instruction has been completed by the end of the second term, may be held at any convenient time to be fixed by the Council.

*A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Written or practical work done by candidates by direction of the professors and lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

Supplementary examinations shall be held at such times as may be approved by the Council.

A candidate who fails to pass an annual examination shall again attend lectures and do practical work in the subjects of that year's work to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Agricultural Science.

8. A candidate who has twice failed to pass the examination proper to any year shall not present himself again for instruction or examination in the work of that year except by permission of the Council.

9. A candidate who has done work or passed examinations *in pari materia* in another Faculty or otherwise in this University, or who desires that his work at another University or Technical School be counted *pro tanto* for the degree of Bachelor of Agricultural Science, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

*Allowed 23rd January, 1947, amended 11th December, 1947, and 20th December, 1956.

† Amended 16th December, 1948.

Allowed 23rd January, 1947.

SCHEDULES MADE BY THE COUNCIL UNDER
REGULATION 4.

(Note.—The following Schedules, made by the Council in July, 1955, have been effective as from January 1, 1956, and apply to those students in the course for the degree of Bachelor of Agricultural Science who were first year students in 1955 or a subsequent year. Candidates who entered the second year of the course in 1955 or earlier will proceed under the old schedules, as published in the Calendar for the year 1955.)

1. During the first year every candidate shall, unless exempted therefrom, attend courses of instruction, and shall satisfy the examiners in each of the following subjects:

General Physics (221);
Chemistry I (231);
Botany I (261);
Zoology I (271).

2. During the second, third and fourth years a candidate who under Regulation 2 is required to spend four academic years in courses of study prescribed for the degree shall attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) Second Year:

Agriculture I (361);
Botany IIB (364);
Chemistry II (363);
Geology I (365);
Genetics IA (366).

(b) Third Year:

Agriculture II (371);
Agricultural Botany (378);
Biometry (373);
Soil Science I (379);
Agricultural Chemistry I (372);
Entomology I (374);
Plant Pathology I (377).

On one day each week candidates will attend courses of instruction at Roseworthy Agricultural College, where the following subjects will be taken:

Animal Husbandry I (382);
Farm Engineering (383);
Farm Demonstrations (398).

(c) Fourth Year:

Agriculture III (387);
Agricultural Economics (386);

and in addition any two of the following subjects as may be nominated by the candidate and approved by the Dean of the Faculty:

Agriculture IV (388);
Animal Husbandry II (389);

Genetics II (390);
 Plant Breeding (391);
 Soil Science II (392);
 Agricultural Chemistry II (393);
 Horticulture (394);
 Plant Pathology II (395);
 Entomology II (396).

3. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners at an annual examination may be permitted to present himself for a supplementary examination in such subject or subjects as the Board may determine, and if he satisfies the examiners in such supplementary examination he shall be deemed to have passed the whole annual examination.

4. Practical Experience.

- (a) Candidates will be required to obtain thirty-six weeks' practical agricultural experience.
- (b) Not more than a total of twelve weeks may be spent at Roseworthy Agricultural College or other government or University centre devoted to agricultural education or research.
- (c) The balance of the 36 weeks must be spent in practical experience on private farms or on scheduled field work in agricultural areas; in general students will be expected to gain experience in a diversity of agricultural environments, and candidates should discuss their plans for practical experience with the Dean of the Faculty.
- (d) Candidates who hold the diploma of Roseworthy Agricultural College may at the discretion of the Dean be exempt from part or all of the requirements of this clause; and candidates who have had practical experience prior to the commencement of the course may apply for partial exemption from the requirements of this clause.
- (e) In the case of students undertaking National Service Training during the course, the requirement for practical experience may be reduced by up to six weeks.

5. Fees.

A. For the Ordinary Degree:

- (1) For each year's work, including one annual examination - - - - - £78 15 0

- (2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - - 5 5 0

Notes: (a) The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee.

(b) For students completing their courses under the 1955 or earlier regulations the cost of the fourth year's work (at Roseworthy Agricultural College) has been increased to £81 4s.

B. For the Honours Degree:

Inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected, including the examinations required - - - - - 52 10 0

OF THE DEGREE OF MASTER OF AGRICULTURAL SCIENCE REGULATIONS

1. The following persons may become candidates for the degree of Master of Agricultural Science—(a) Bachelors of Agricultural Science and (b) other graduates whose academic qualifications are accepted by the Faculty of Agricultural Science as sufficient:

*Provided that, subject to the approval of the Council, the Faculty may, at its discretion and subject to such conditions (if any) as it may see fit to impose in each case, accept as a candidate for the degree a person who does not hold a degree of a University but having been a full-time member of the academic staff of the University for at least three years has given evidence satisfactory to the Faculty of his fitness to undertake work for the degree.

2. A candidate who holds the Honours degree of Bachelor of Agricultural Science or its equivalent in a University recognised by the University of Adelaide may proceed to the degree of Master of Agricultural Science at the expiration of one year from the date of his admission to the Honours degree of Bachelor: no other candidate shall proceed to the degree before the expiration of two years from the date of his graduation.

3. Subject to conditions to be determined in each case, a graduate of a University recognised by the University of Adelaide may be allowed by the Council to proceed to the degree in compliance with these regulations. Every such candidate must spend at least three consecutive academic terms or twelve calendar months at the University of Adelaide or at an institution approved for the purpose by the University of Adelaide.

* Allowed 17th January, 1952.

OF THE DEGREE OF BACHELOR OF ENGINEERING REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Engineering.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Engineering and be submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

THE ORDINARY DEGREE.

‡4. (a) To qualify for the Ordinary degree a candidate shall regularly attend lectures and do written, laboratory, and other practical work (where such is required), and pass examinations in the subjects prescribed for one of the following Engineering courses:

- (a) Mining Engineering;
- (b) Metallurgical and Chemical Engineering;
- (c) Electrical Engineering;
- (d) Mechanical Engineering;
- (e) Civil Engineering;

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

*5. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations, and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Council.

** (b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates by direction of the professors or lecturers, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

*Amended 8th December, 1949.

**Allowed 20th December, 1956.

‡ Allowed 9th January, 1958.

† Amended 8th December, 1949; further amendment awaiting allowance at time of printing.

†(d) There shall be three classifications of pass at an annual examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order either in one list or in two divisions as the Council may, on the recommendation of the Faculty, determine. If the Pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject, to the satisfaction of the professors and lecturers, unless exempted by the Faculty of Engineering. Any such exemption shall hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

6. Except in case of illness or other sufficient cause allowed by the Council, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

7. No candidate shall be granted exemption from attendance at lectures or practical work in any subject, except upon grounds approved by the Council.

8. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

9. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Engineering, may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. No candidate who has presented the subject Surveying as partial satisfaction of the requirements for the degree of Bachelor of Science may obtain in addition the degree of Bachelor of Engineering in the Department of Civil Engineering, unless he either completes his qualifications for the degree of Bachelor of Science in subjects apart from Surveying, or passes, in addition to the subjects of the ordinary curriculum, in such further subjects of the Engineering courses as may be approved by the Faculty of Engineering.

† Allowed 22nd December, 1955.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Science (Engineering) in or before the year 1944 may complete his qualifications for that degree in accordance with the regulations and schedules governing it in 1944, or with such modifications as the Council may from time to time approve.

12. A candidate who holds the degree of Bachelor of Science (Engineering) and subsequently completes the full course for the degree of Bachelor of Engineering may receive that degree on surrendering the degree of Bachelor of Science (Engineering). No fee shall be charged for admission to the second degree.

THE HONOURS DEGREE.

* 13. The Honours degree shall be available in each of the following courses:

- (i) Mining Engineering;
- (ii) Metallurgical and Chemical Engineering;
- (iii) Electrical Engineering;
- (iv) Mechanical Engineering;
- (v) Civil Engineering.

* 14. (a) The Honours degree shall be taken in the final year of either the four or five year course. Candidates wishing to take the Honours degree must apply to the Faculty of Engineering for permission to do so on or before March 1st of the year in which they intend to take the course.

(b) No candidate shall proceed to the Honours degree except with the approval of the Faculty of Engineering. Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) Candidates for the Honours degree shall in the final year of their course complete the full course set out for the Ordinary degree and shall in addition take further lectures at an advanced level. Candidates shall also satisfactorily complete a laboratory project which will normally extend to the March of the year following that in which they undertake Honours work.

(d) In order to obtain Honours candidates must pass examinations on the work of the specialised honours lectures. They must also pass in the final year subjects of the Ordinary degree at a higher standard than is required from candidates for the Ordinary degree.

(e) The names of candidates who pass with Honours shall be arranged alphabetically in two classes under each department. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

†(f) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had six months' practical experience, not necessarily consecutive, in work approved by the Faculty of Engineering as appropriate to the course which he has followed.

* Allowed 11th November, 1954.

† Allowed 9th January, 1958.

Allowed 11th December, 1947.

OF THE DEGREE OF MASTER OF ENGINEERING REGULATIONS

1. (a) A candidate for the degree of Master of Engineering shall be a Bachelor of Engineering in the University of Adelaide or shall be a graduate in Engineering of some other University recognised by the University of Adelaide for the purpose.

(b) A graduate of another University shall not be accepted as a candidate for the degree unless in the opinion of the Faculty of Engineering the degree that he holds is equivalent to the degree of Bachelor of Engineering, and would be acceptable for admission *ad eundem gradum* in the University of Adelaide.

2. A candidate who has qualified for the degree of Bachelor of Engineering in the University of Adelaide at Honours or credit standard, or who holds in another University a qualification accepted by the Faculty of Engineering as adequate, may proceed to the degree of Master of Engineering in accordance with the provisions of either Regulation 3 or Regulation 4. All other candidates will be required to comply with the provisions of Regulation 4.

3. To qualify for the degree under this Regulation a candidate shall—

- (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
- (b) if so required by the examiners pass an examination on his course of advanced study;
- (c) present a satisfactory thesis embodying the results of his original research;
- (d) if so required by the examiners, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto; and
- (e) have had at least two years' appropriate practical engineering experience approved by the Head of the Department concerned. If so required by the Head of the Department concerned a candidate shall submit a written report on his practical engineering experience.

4. To qualify for the degree under this Regulation a candidate shall—

- (a) present a satisfactory thesis which may be (i) an original design for some engineering work, or (ii) an account, giving evidence of ability on the part of the candidate to cope successfully with engineering difficulties, of some engineering work for the design or construction of which the candidate has been largely responsible, or (iii) an account of some original inquiry or investigation made by him into some matter connected with engineering;
- (b) if so required by the examiners, adduce sufficient evidence of the originality of his design or thesis;
- (c) if so required by the examiners, pass an examination in that branch of work from which the subject of the thesis is taken; and

(d) submit evidence satisfactory to the Faculty that he has had at least three years' practical experience in appropriate engineering work.

5. Every candidate shall submit for approval by the Faculty of Engineering the subject of his advanced study and original research under Regulation 3 or of his thesis under Regulation 4 at least nine months before the date on which he expects to submit his thesis for examination.

6. On completing his work a candidate shall lodge with the Registrar three copies of his thesis conforming in style with specifications to be obtained from the Librarian. The Faculty will then nominate examiners, who may recommend that the thesis—

- (a) be accepted; or
- (b) be sent back to the candidate for revision; or
- (c) be rejected.

*7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 18th October, 1956.
Allowed 22nd January, 1953.

Schedule of Fees prescribed by the Council under Regulation 7

For work in the laboratory (if required or undertaken)					
each year	-	-	-	-	£26 5 0
On presentation or re-presentation of the thesis	-	-	-	-	10 10 0
On entry for any examination required	-	-	-	-	10 10 0
On admission to the degree	-	-	-	-	10 10 0

DETAILS OF COURSES AND SCHEDULES PRESCRIBED UNDER REGULATION 2 OF THE DEGREE OF BACHELOR OF ENGINEERING

Abbreviations.—In the column headed "Hours a week" a single figure such as 2, means 2 hours a week throughout the year. A figure with a suffix such as 2², means two hours a week for two terms.

U.—University; S.M.—School of Mines.

The courses are divided into years for the guidance of students. Except in the case of Architectural Engineering it is not necessary for a student to take all the subjects of a year's course simultaneously, or to complete all the subjects set out for one year before enrolling for any of the next. But a student who desires to take a third-year subject before completing the first year of his course, or a fourth-year subject before completing the second year, must make application to the Faculty for permission to do so.

All part-time students, and those desiring to take subjects from different years, must submit their proposed course of study to the Assistant to the Dean of the Faculty for approval.

PRACTICAL EXPERIENCE

Except in special circumstances approved by the Faculty, of the six months' practical experience required under Regulation 4 (b) at least three months must be other than routine work such as assaying or drawing.

Students attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of their required practical experience.

MEDICAL EXAMINATION

Many employers of engineering graduates require a prospective employee to submit himself to a medical examination, which in some cases is of a very searching character. Students taking engineering courses, more particularly those taking Mining, are advised to undergo a medical and X-ray examination during the early part of their course.

AERONAUTICAL ENGINEERING

The University of Sydney has established a special four-year course in Aeronautical Engineering. Adelaide students who have completed the first two years of the new four-year curriculum, or three years under the new five-year curriculum in Civil, Electrical or Mechanical Engineering may apply for admission to the third year of the course in Aeronautical Engineering in the University of Sydney. Those who have completed only two years of the new five-year courses may apply for admission to the second year of the course.

Applications, together with documentary evidence of status obtained in the University of Adelaide, should be addressed to the Registrar, the University of Sydney.

AGRICULTURAL ENGINEERING

The University of Melbourne has established a four-year degree course in Agricultural Engineering. Adelaide students who have completed the first two years of the new four-year curriculum, or three years under the new five-year curriculum, in Civil, Electrical or Mechanical Engineering, may apply for admission to the third year of the course in Agricultural Engineering in the University of Melbourne. Those who have completed only two years of the new five-year courses may apply for admission to the second year of the course.

Applications, together with documentary evidence of academic standing in the University of Adelaide, should be sent to the Registrar, the University of Melbourne.

Schedules made by the Council under Regulation 2

Schedule I: Fees

DEGREE OF BACHELOR OF ENGINEERING

- A. For attendance at lectures, practical work and annual examination: those prescribed in the schedule of subjects for the degree (see Schedule II).
- B. For a special examination (theoretical or practical or both) in any University subject - - - - - 5 5 0

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts are as prescribed by those institutions.

(Note: The cost of field excursions associated with the various subjects is not included in the annual fee.)

Schedule II: Courses of study
DEPARTMENT OF MINING, METALLURGICAL AND
CHEMICAL ENGINEERING

The first year of the courses in Mining Engineering and in Metallurgical and Chemical Engineering has been designed to meet the needs of candidates entering the University upon attaining matriculation status at the Leaving Examination. Candidates who have taken the Leaving Honours Examination may be eligible to undertake additional work; they should therefore consult the Professor and after doing so should submit a formal application in writing to the Registrar.

MINING ENGINEERING
PRELIMINARY YEAR

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
232	Chemistry IA, Lectures	2	U.	8 8 0
	Practical	3	S.M.	9 9 0
201	General Mathematics, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
221	General Physics, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
1214	Workshop Practice I, Lectures	1	S.M.	3 10 0
	Practical	3	S.M.	

(The schedules for Second and higher years of this course shown below apply only to students who entered the course in or before 1958.)

SECOND YEAR

234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
205	Pure Mathematics IIB, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
207	Applied Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
481	Engineering Drawing I, Lectures	1	U.	5 5 0
	Practical	3	U.	5 5 0
1214	Workshop Practice I, Lectures	1	S.M.	5 5 0
	Practical	3	S.M.	5 5 0
491	*First Aid	3 ¹	U.	2 2 0
492	General Engineering	1 ¹	U.	

* First aid may be completed at any time before graduation.

THIRD YEAR

251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
441	Electrical Engineering I, Part A, Lectures	2	U.	8 8 0
	Practical	3 ²	U.	4 4 0
482	Engineering Drawing II, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1262	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0

FOURTH YEAR

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
471	Mining Engineering I, Lectures	2	U.	8 8 0
253	Geology II (B.E. course), Lectures	2 ²	U.	5 12 0
	Practical	6 ²	U.	8 8 0
256	Mining Geology, Lectures	2 ¹	U.	2 16 0
	Practical	6 ¹	U.	4 4 0
1008	Surveying IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0

FIFTH YEAR

472	Mining Engineering II, Lectures	3	U.	10 10 0
	Practical	12	U.	25 4 0
1255	Extractive Metallurgy IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
466	Ore Dressing, Lectures	2	U.	7 10 0
	Practical	3 ²	U.	7 10 0
	Seminar	2 ¹	U.	
1271	Assaying I, Practical	3	S.M.	3 15 0

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.
 Second Year: Long Vacation—Practical Mining Experience—of not less than 8 weeks.
 Third Year: August Vacation—Mining Trip (476).
 Long Vacation—Practical Mining Experience—of not less than 8 weeks.
 Fourth Year: August Vacation—Mining Trip (476).

METALLURGICAL AND CHEMICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
PRELIMINARY YEAR				
232	Chemistry IA, Lectures	2	U.	8 8 0
	Practical	3	S.M.	9 9 0
201	General Mathematics, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
221	General Physics, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
481	Engineering Drawing I, Lectures	1	U.	5 5 0
	Practical	3	U.	5 5 0
FIRST YEAR				
235B	Chemistry IIB, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
222	Engineering Physics, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
205	Pure Mathematics IIB, Lectures	3	U.	10 10 0
	Tutorials	1	U.	10 10 0
1272	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	2	S.M.	4 10 0
481	Engineering Drawing I, Lectures	1	U.	5 5 0
	Practical	3	U.	5 5 0
(The schedules for Second and higher years of this course shown below apply only to students who entered the course in or before 1958.)				
SECOND YEAR				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
205	Pure Mathematics IIB, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
207	Applied Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
481	Engineering Drawing I, Practical	4	U.	5 5 0
1214	Workshop Practice I, Lectures	1	S.M.	3 10 0
	Practical	3	S.M.	3 10 0
491	*First Aid	3 ¹	U.	2 2 0
492	General Engineering	1 ¹	U.	—
*First Aid may be completed at any time before graduation.				
THIRD YEAR				
461	Process Engineering I, Lectures	3 ¹	2 ² S.M./U.	9 15 0
467	Applied Physical Chemistry, Lectures	2	U.	8 8 0
	Practical	3	S.M.	6 6 0
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
482	Engineering Drawing II, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1262	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
438	Surveying IB, Lectures	1 ¹	U.	1 8 0
	Practical	3 ¹	U.	2 2 0
FOURTH YEAR				
462	Process Engineering II—			
	Part A: Unit Operations I, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
	Part B: Unit Processes I, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	8 5 0
	Part C: Industrial Economics I, Lectures	1 ¹	U.	2 16 0
451	Mechanical Engineering I, Part A, Lectures	2 ²	3 ¹ U.	9 16 0
	Practical	6 ¹	3 ² U.	8 8 0
441	Electrical Engineering I, Part A, Lectures	2	U.	8 8 0
	Practical	3 ¹	U.	4 4 0
464	Automatic Process Control, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
FIFTH YEAR				
463	Process Engineering III—			
	Part A: Unit Operations II, Lectures	3	U.	10 10 0
	Practical	4	U.	8 8 0
	Part B: Unit Processes II, Seminar	3	U.	3 15 0
	Part C: Industrial Economics II, Seminar	2	U.	4 4 0
	Part D: Plant Design, Practical	12	U.	25 4 0
466	Ore Dressing, Lectures	2	U.	7 10 0
	Practical	3 ²	U.	7 10 0
	Seminar	2 ¹	U.	7 10 0

VACATION WORK (Compulsory):

First Year: Long Vacation—Workshop Practice—of not less than 8 weeks.

Second Year: Long Vacation—Works Laboratory (Research or Analytical)—for not less than 8 weeks.

Third Year: August Vacation—Industrial Plants Trip.

Long Vacation—Industrial Plant Experience—for not less than 8 weeks.

Fourth Year: August Vacation—Industrial Plants Trip.

CIVIL, ELECTRICAL AND MECHANICAL ENGINEERING

I. OLD FOUR-YEAR COURSES

Candidates still proceeding under the old four-year schedules, published in the 1954 Calendar, must consult the Assistant to the Dean about their courses.

II. FOUR-YEAR COURSES FOR STUDENTS WHO HAVE ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY.

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
204	*Pure Mathematics IIA, Lectures	2	U.	10 10 0
207	Applied Mathematics I, Lectures	1	U.	
222	*Engineering Physics, Lectures	3	U.	10 10 0
481	Engineering Drawing I, Lectures	3	U.	
1214	Workshop Practice I, Lectures	1	U.	5 5 0
437	Surveying I, Lectures	3	U.	
439	Survey Camp (First)	1	S.M.	3 10 0
492	General Engineering	3	S.M.	
		1 ¹	U.	4 4 0
				6 6 0
				6 6 0

* Students wishing to proceed to the degree of B.Sc. should note that the full Science courses in Physics II and Pure Mathematics II are required in lieu of Engineering Physics and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with this option. Students should note that Chemistry I (231) is a compulsory subject for the degree of Bachelor of Science.

SECOND YEAR				
210	Applied Mathematics IIA, Lectures	2	U.	10 10 0
1272	Engineering Materials, Lectures	1	U.	
482	Engineering Drawing II, Lectures	1	S.M.	4 10 0
436	Strength of Materials, Lectures	1	S.M.	
1215	Workshop Practice II, Lectures	3	U.	4 4 0
441	Electrical Engineering I—	2	U.	
	Part A: Lectures	3	U.	8 8 0
	Part B: Lectures	1	U.	
	Part C: Lectures	3 ¹	U.	4 4 0
	Part D: Lectures	3 ¹	U.	

THIRD YEAR

CIVIL ENGINEERING

251	Geology I, Lectures	2	U.	10 10 0
431	Civil Engineering I, Lectures	4	U.	9 9 0
491	First Aid, Lectures	2	U.	8 8 0
451	Mechanical Engineering I, Part A, Lectures	6 ¹ 3 ¹	U.	8 8 0
434	Hydraulics, Lectures	1 ¹ 3 ¹	}	2 2 0
	Practical	2 ² 3 ¹		9 16 0
		6 ¹ 3 ¹	U.	8 8 0
		1	U.	4 4 0
		3 ¹	U.	2 2 0

ELECTRICAL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
442	Electrical Engineering II, Lectures	3	U.	10 10 0
	Practical	5	U.	10 10 0
491	First Aid, Lectures	1 ¹	U.	2 2 0
	Practical	3 ¹	U.	2 2 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
EITHER—				
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
OR (subject to the approval of the Faculty in each case)—				
225	Physics III, B.E. Course, Lectures	3	U.	10 10 0
	Practical	6	U.	17 17 0

MECHANICAL ENGINEERING

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
491	First Aid, Lectures	1 ¹	U.	2 2 0
	Practical	3 ¹	U.	2 2 0
451	Mechanical Engineering I—			
	Part A: Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ²	U.	4 4 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

FOURTH YEAR

The fourth-year courses under this schedule are the same as the fifth-year courses under the five-year schedule.

III. FIVE-YEAR COURSES FOR STUDENTS WHO HAVE NOT ATTAINED AN APPROVED STANDARD IN LEAVING HONOURS MATHEMATICS, PHYSICS AND CHEMISTRY

PRELIMINARY YEAR

201	General Mathematics, Lectures	3	U.	10 10 0
	Tutorials	1	U.	10 10 0
221	General Physics, Lectures	3	U.	9 9 0
	Practical	2	U.	8 8 0
232	Chemistry IA, Lectures	3	U.	9 9 0
	Practical	1	S.M.	5 5 0
1214	Workshop Practice I, Lectures	3	S.M.	5 5 0
	Practical	3	S.M.	5 5 0

(The schedules for second and higher years of these courses shown below apply only to students who entered for the courses in or before 1958.)

SECOND YEAR

204	*Pure Mathematics IIA, Lectures	2	U.	10 10 0
	Tutorial	1	U.	10 10 0
207	Applied Mathematics I, Lectures	3	U.	10 10 0
	Tutorial	1	U.	10 10 0
222	*Engineering Physics, Lectures	3	U.	9 9 0
	Practical	3	U.	4 4 0
437	Surveying I, Lectures	1	U.	6 6 0
	Practical	3	U.	6 6 0
439	Survey Camp	1	S.M.	6 6 0
1215	Workshop Practice II, Lectures	3	S.M.	6 6 0
	Practical	3	S.M.	6 6 0

* Students wishing to proceed to the degree of Bachelor of Science should note that the full science courses in Physics II and Pure Mathematics II are required in lieu of Engineering Physics and Pure Mathematics IIA. Approval of the Heads of the Departments concerned is required before proceeding with this option. Students should note that Chemistry I (231) is a compulsory subject for the degree of Bachelor of Science.

THIRD YEAR

201	Applied Mathematics IIA, Lectures	2	U.	10 10 0
	Tutorial	1	U.	10 10 0
1272	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	1	S.M.	4 10 0
441	Electrical Engineering I—			
	Part A: Lectures	2	U.	8 8 0
	Practical	3 ²	U.	4 4 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0
482	Engineering Drawing II, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0

FOURTH YEAR
CIVIL ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

ELECTRICAL ENGINEERING

442	Electrical Engineering II, Lectures	3	U.	10 10 0
	Practical	5	U.	10 10 0
451	Mechanical Engineering I, Part A, Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0

EITHER—

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

OR (subject to the approval of the Faculty in each case)—

225	Physics III, B.E. Course, Lectures	3	U.	10 10 0
	Practical	6	U.	17 17 0

MECHANICAL ENGINEERING

431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
451	Mechanical Engineering I—			
	Part A: Lectures	2 ² 3 ¹	U.	9 16 0
	Practical	6 ¹ 3 ²	U.	8 8 0
	Part B: Lectures	1	U.	4 4 0
	Practical	3 ²	U.	4 4 0
434	Hydraulics, Lectures	1	U.	4 4 0
	Practical	3 ¹	U.	2 2 0

FIFTH YEAR

CIVIL ENGINEERING

432	Civil Engineering II, Part A, Lectures	3	U.	10 10 0
	Practical	6	U.	12 12 0
	Part B, Lectures	2	U.	8 8 0
	Practical	8	U.	16 16 0
	Part C, Project report			
493	Industrial Engineering, Lectures	2	U.	8 8 0
440	Survey Camp (second)			6 6 0

ELECTRICAL ENGINEERING

443	Electrical Engineering III—			
	Part A:			
	Electrical Engineering Theory, Lectures	2	U.	8 8 0
	Part B: Either:			
	Electrical Power, Lectures	3	U.	10 10 0
	Tutorials	3	U.	6 6 0
	Practical	9	U.	18 18 0
	Or:			
	Electronics and Communications, Lectures	3	U.	10 10 0
	Tutorials	3	U.	6 6 0
	Practical	9	U.	18 18 0
444	Electrical Engineering Project—			
	Part A: Seminars	1	U.	4 4 0
	Part B: Experimental Investigations		U.	4 4 0
493	Industrial Engineering, Lectures	2	U.	8 8 0

MECHANICAL ENGINEERING

452	Mechanical Engineering II—			
	Part A: Thermodynamics, Lectures	3 ¹ 2 ¹	U.	7 0 0
	Practical	3 ²	U.	4 4 0
	Fluid Mechanics, Lectures	2 ²	U.	5 12 0
	Practical	3 ²	U.	4 4 0
	Part B: Theory of Machines, Lectures	2 ¹ 1 ²	U.	5 12 0
	Practical	3 ¹	U.	2 2 0
	Machine Design II, Lectures	2 ²	U.	5 12 0
	Practical	6	U.	12 12 0
	Part C: Thesis		U.	
493	Industrial Engineering Lectures	2	U.	8 8 0

ARCHITECTURAL ENGINEERING

These schedules apply only to candidates who had entered the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957, and who seek to complete the degree before December 31, 1965, in accordance with the regulations and schedules governing it in 1957.

Students are required to take as full-time study the first three years of the Architectural Engineering course as set out below.

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
232	*Chemistry IA, Lectures	2	U.	8 8 0
	Practical	3	U. or S.M. }	6 6 0
416	Architectural Drawing I	4	S.M.	4 10 0
424	Free Drawing I	2	S.M.	4 10 0
421	Building Construction and Drawing I, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
201	General Mathematics, Lectures	3	U.	10 10 0
	Tutorial	1	U. }	
221	General Physics, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
406	Architectural History I, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
492	General Engineering	1 ²	U.	
SECOND YEAR				
207	*Applied Mathematics I, Lectures	3	U. }	10 10 0
	Tutorial	1	U. }	
205	*Pure Mathematics IIB, Lectures	3	U. }	10 10 0
	Tutorial	1	U. }	
422	Building Construction and Drawing II, Lectures	1	U. }	6 0 0
	Practical	2	S.M. }	
411	Architectural Design I	4	S.M.	6 0 0
407	Architectural History II, Lectures	1	S.M. }	6 0 0
	Practical	2	S.M. }	
425	Free Drawing II	2	S.M.	4 10 0
417	Architectural Drawing II	4	S.M.	4 10 0
THIRD YEAR				
251	Geology I, Lectures	2	U.	10 10 0
	Practical	4	U.	9 9 0
412	Architectural Design II	6	S.M.	6 15 0
401	Architectural Theory Construction and Practice I, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
436	Strength of Materials, Lectures	2	U.	8 8 0
	Practical	3	U.	6 6 0
491	First Aid	3 ¹		2 2 0
FOURTH YEAR				
413	Architectural Design III	6	S.M.	9 15 0
402	Architectural Theory Construction and Practice II, Lectures	3 ² , 2 ¹	S.M. }	6 15 0
	Practical	3	S.M. }	
431	Civil Engineering I, Lectures	2	U.	8 8 0
	Practical	6 ¹ 3 ²	U.	8 8 0
484	Surveying IA, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
FIFTH YEAR				
403	Architectural Theory Construction and Practice III, Lectures	3	S.M. }	8 8 0
	Practical	3	S.M. }	
419	Architectural Thesis	8	S.M.	6 0 0
435	*Structural Design, Practical	8	U.	16 16 0

Note.—These schedules are divided into five years, as it is expected that normally students will not be full-time day students after the third year. If a student is articled in an architect's office it is not to be expected that the course can be completed even in five years, but it is important that subjects should be taken in their proper sequence.

* The subjects marked with an asterisk are not required by the Royal Australian Institute of Architects in its recognition of this course.

HONOURS DEGREE IN ENGINEERING

Candidates for the Honours degree in Mining Engineering, Metallurgical and Chemical Engineering, Electrical Engineering, Mechanical Engineering, or Civil Engineering under Regulation 14 shall complete the full course for the final year of their respective course, and in addition the following courses:

Honours Lectures	2	U.	8 8 0
Laboratory Project	250 hrs.	U.	18 18 0
	total		

OF THE DEGREE OF BACHELOR OF LAWS
AND
OF THE FINAL CERTIFICATE IN LAW

REGULATIONS

1. There shall be an Ordinary and an Honours degree of Bachelor of Laws and a Final Certificate in Law.

2. A candidate before entering upon the course for either degree of Bachelor of Laws or for the Final Certificate in Law shall matriculate in the Faculty of Law.

*3. To obtain the Ordinary degree of Bachelor of Laws a candidate shall—

(a) pass in all the following subjects:

(i) Elements of Law,

(ii) Constitutional Law, Part I,

(iii) Criminal Law and Procedure,

(iv) and (v) Two subjects chosen by the candidate from the following list: Greek I, Latin I, French I, German I, English I, Philosophy I, General Mathematics or Pure Mathematics I, Ancient History, History I, Social History, Psychology I, or I, Geography I, Social Economics, Politics I; provided (a) that in the case of any individual candidate the Faculty of Law may approve as the subjects numbered (iv) and (v) any subject or subjects, except the Science subjects, provided for the Ordinary degree of Bachelor of Arts; (b) that a candidate who has already graduated in Arts will be credited with the subjects numbered (iv) and (v),

(vi) The Law of Contract,

(vii) The Law of Torts,

(viii) The Law of Property,

(ix) Constitutional Law, Part II,

(x) Jurisprudence,

(xi) Roman Law or International Law,

(xii) Legal History,

(xiii) Equity,

(xiv) Mercantile Law,

(xv) Private International Law,

(xvi) The Law relating to Companies, Partnership, Bankruptcy and Divorce,

(xvii) The Law of Evidence and Procedure; and

(b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

* Awaiting allowance at time of printing.

*3A. (1) To obtain the Honours degree of Bachelor of Laws a candidate shall:

- (a) pass in all the subjects numbered (i) to (xvii) in Regulation 3 at the first attempt; provided that in exceptional cases the Faculty may waive the requirement of passing at the first attempt;
- †(b) of the aforesaid subjects, excluding those numbered (iv) and (v), pass with Distinction or in the first class in at least eight, or pass with Distinction or in the first class in five and with Distinction or in the first class or with Credit or in the second class in at least five others; and
- (c) pass, in addition, at the first attempt, in the final year of his course for the Ordinary degree, a General Honours Examination of not more than two papers, for the answering of which access may be allowed to the Law Library.

(2) A candidate who satisfies the requirements of sub-Regulation (1) of this Regulation shall be awarded the Honours degree of Bachelor of Laws, but the Faculty shall decide, after consideration of the whole of his work for the degree including all his examination results, whether the degree shall be awarded with First or Second Class Honours.

(3) A candidate who has been granted status by virtue of clause 7 of Chapter XXV of the University Statutes, or by virtue of Regulation 17 of these Regulations, may be awarded the Honours degree of Bachelor of Laws if the Council so decides, notwithstanding that he has not completely satisfied the requirements of sub-Regulation (1) of this Regulation.

4. To obtain the Final Certificate in Law a candidate shall

- (a) pass in all the following subjects:
 - (i) Elements of Law,
 - (ii) Constitutional Law, Part I,
 - (iii) Criminal Law and Procedure,
 - (iv) The Law of Contract,
 - (v) The Law of Torts,
 - (vi) The Law of Property,
 - (vii) Equity,
 - (viii) Mercantile Law,
 - (ix) The Law relating to Companies, Partnership, Bankruptcy and Divorce,
 - (x) The Law of Evidence and Procedure; and
- (b) produce a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

5. Every candidate may take his subjects in any order, with the following exceptions: he must pass

- (a) in Constitutional Law, Part I, before entering for the course of lectures in Constitutional Law, Part II;

* Allowed 25th August, 1955.

† Allowed 22nd December, 1955.

- (b) in the Law of Property before entering for the course of lectures in Equity;
- (c) in the Law of Contract before entering for the course of lectures in Mercantile Law;
- (d) in the Law of Contract, in the Law of Tort, in the Law of Property, in Equity, and in Mercantile Law before entering for the course of lectures in Private International Law;
- (e) in Equity and in Mercantile Law before entering for the course of lectures in the Law relating to Companies, Partnership, Bankruptcy and Divorce;
- (f) in the Law of Contract, in the Law of Torts, in the Law of Property, in Equity, and in Criminal Law and Procedure before entering for the course of lectures in the Law of Evidence and Procedure;
- (g) in Elements of Law, in Constitutional Law, Part I, in Criminal Law and Procedure, in the Law of Contract, in the Law of Torts, in the Law of Property, and in Constitutional Law, Part II, before entering for the course of lectures in any of the following subjects: Jurisprudence, Roman Law, Legal History.
- * (h) in Latin at the Leaving Examination, before entering for the course of lectures in Roman Law and Jurisprudence.

6. Annual examinations shall be held in November and supplementary examinations shall be held in February or March in each year. Subject to the provisions of Regulation 5, a candidate may sit for a supplementary examination in any subject or subjects, provided that he sat for the immediately preceding annual examination in such subject or subjects.

7. No candidate shall present himself for examination in any subject unless he shall have gained credit for attendance at three-fourths of the lectures given in that subject in each term of the year; provided that any candidate so long as he is articulated to a practitioner of the Supreme Court whose office is more than ten miles distant from the University shall be exempt from the requirements of this Regulation.

8. If in any subject a candidate does not pass either at the annual or at the supplementary examination he shall again comply with the requirements of Regulation 7 in respect of such subject before again presenting himself for examination in that subject.

9. Written and practical work done by a candidate and the results of terminal or other examinations in any subject may be taken into consideration at the annual or supplementary examination for that subject; and a candidate may be required to submit himself for a *viva voce* examination in any subject in addition to the written examinations. All students whether exempted from attendance at lectures or not shall do such written and practical work as may be required by the lecturer.

10. All students shall be classified as proceeding either to the degree of Bachelor of Laws, or to the Final Certificate, but any student may at any time (even after obtaining the Final Certificate) be removed from one class into the other on application to the Faculty of

* Allowed 9th January, 1958.

Law, and all subjects in which he has passed while in the one class will be credited to him in the other.

*11. There shall be three classifications of pass at an annual or supplementary examination in any subject or division of a subject for the Ordinary degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who pass shall be arranged in alphabetical order.

The results of all annual and supplementary examinations in Law shall be transmitted by the Registrar to the Chief Justice of the Supreme Court of South Australia.

12. Schedules defining the scope of the subjects of study, and appointing text-books, shall be drawn up by the Faculty, subject to the approval of the Council, and students will be required to show not merely an acquaintance with those books, but also a competent knowledge of the subjects of study.

13. The Intermediate Examination in Law shall consist of Elements of Law and either Criminal Law and Procedure or Constitutional Law, Part I.

†14. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

‡ 15. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

16. The Faculty of Law may grant to any student such exemption from the requirements of Regulations 5, 6, 7, 8, 9, and 14, and upon such conditions, as it shall decide.

17. All previous regulations concerning the degree of Bachelor of Laws and the Final Certificate in Law are hereby repealed. A candidate who by December 31, 1952, had matriculated in the Faculty of Law and had passed in at least two subjects in his course for the Ordinary degree of Bachelor of Laws or for the Final Certificate in Law may proceed to the Ordinary degree or the Final Certificate under the regulations hereby repealed provided that he completes his course under those regulations by March 31, 1958. A candidate may at any time apply to the Faculty of Law for status under these regulations and shall be granted such status thereunder as the Faculty may in each case determine. Any person who has obtained or may obtain the Ordinary degree of Bachelor of Laws under the Regulations hereby repealed may proceed to the Honours degree under those Regulations provided that he does so by March 31, 1959.

Allowed 22nd January, 1953.

* Allowed 22nd December, 1955.

† Allowed 20th December, 1956.

‡ Allowed 18th October, 1956

FOOTNOTE (which does not form part of the Regulations).

The Faculty of Law recommends:

- (a) that all candidates for the LL.B. degree take their subjects according to the following scheme:

First Year: Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure; and two Arts subjects.

Second Year: The Law of Contract; The Law of Torts; The Law of Property; Constitutional Law, Part II.

Third Year: Jurisprudence; Roman Law; Legal History; Equity; Mercantile Law.

Fourth Year: Private International Law; The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

- (b) that all candidates for the Final Certificate take their subjects according to the following scheme:

First Year: Elements of Law; Constitutional Law, Part I; Criminal Law and Procedure.

Second Year: The Law of Contract; The Law of Torts; The Law of Property.

Third Year: Equity; Mercantile Law.

Fourth Year: The Law relating to Companies, Partnership, Bankruptcy and Divorce; The Law of Evidence and Procedure.

Schedule of Fees prescribed by the Council under Regulation 15

A. Entrance fee	-	-	-	-	-	-	-	£3	3	0
B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course	-	-	-	-	-	-	-	10	10	0
C. For attendance at the course of lectures in Legal Ethics	-	-	-	-	-	-	-	3	10	0
D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.	-	-	-	-	-	-	-	-	-	-
E. For examination in Justinian's Institutes	-	-	-	-	-	-	-	5	5	0
F. For the additional examination required for the Honours degree of Bachelor of Laws	-	-	-	-	-	-	-	10	10	0
G. For the Final Certificate	-	-	-	-	-	-	-	5	5	0
H. For a supplementary examination in any subject	-	-	-	-	-	-	-	5	5	0

RULES OF THE SUPREME COURT

The Rules of the Supreme Court respecting the admission of legal practitioners which concern students of Law in the University are here printed for convenience of reference, but students are advised to consult the Rules in full:—

PRELIMINARY.

2. (1) The rules regulating the admission of Barristers, Attorneys, Solicitors, and Proctors made on the 17th day of August, 1936, are hereby annulled.

(2) The annulment shall not affect the previous operation of any rule so annulled, or anything duly done thereunder.

(3) Any person who, before the 31st day of December, 1952, had entered upon the course of study prescribed for the degree of Bachelor of Laws, or the Final Certificate in Law at the University of Adelaide by the regulations of the University then in force, and who shall be allowed by the Council of the University to complete the course for the degree or the Final Certificate under such regulations, shall be entitled to apply for admission as a practitioner, if he has qualified for admission under the annulled Rules, but Rules 8 to 10, 16 to 25, and 30 to 46 (all inclusive) of these rules shall apply to every such person.

3. In these Rules, unless the contrary intention appears—

“Board” or “Board of Examiners” means the Board of Examiners of the Supreme Court of South Australia:

“Court” means the Full Court:

“Degree of Bachelor of Laws” means the degree of Bachelor of Laws in the University of Adelaide:

“Law Society” means the Law Society of South Australia Incorporated:

“Master” means the Master of the Supreme Court of South Australia, and includes the Deputy Master:

“Practitioner” means a Barrister, Attorney, Solicitor, and Proctor of the Supreme Court of South Australia:

“Reciprocating part of the British Commonwealth” means any part of the British Commonwealth, in regard to which the Court is satisfied that the standard of qualification for admission is at least equal to the standard in this State, and that corresponding eligibility for admission of Practitioners of the Supreme Court of this State exists:

“Supreme Court” means the Supreme Court of South Australia:

“The State” or “this State” means the State of South Australia:

“University” means the University of Adelaide:

Words importing the masculine gender shall be deemed and taken to include the feminine gender, and the singular to include the plural and the plural the singular.

4. The business of the Court is to be conducted as heretofore by admitted practitioners.

PERSONS ELIGIBLE FOR ADMISSION.

5. (1) A person who is of good fame and character, and who has attained the age of twenty-one years, and is a British subject may apply to be admitted as a practitioner if such person is:—

(a) A clerk who has served the prescribed period of articles of clerkship, and has passed or been credited with the examinations prescribed by these Rules.

(b) A member of the bar in England, or of Northern Ireland.

(c) A Scottish Advocate.

- (d) A Solicitor of the Supreme Court of Judicature in England, or of the Supreme Court of Northern Ireland, or a person admitted or deemed to be admitted as a solicitor in Scotland.
- (e) A Barrister or Solicitor of the Supreme, or Superior Court of a reciprocating part of the British Commonwealth.
- (2) An applicant mentioned in sub-paragraphs (b), (c), (d) and (e) of the preceding sub-rule is in these Rules referred to as "an applicant previously admitted elsewhere."

LAW EXAMINATIONS.

6. No person (other than an applicant previously admitted elsewhere) shall be admitted until he has satisfied the ¹Board of Examiners that:—

- (a) he has taken, or has passed or been credited with the examinations entitling him to take, the degree of Bachelor of Laws of the University of Adelaide, or that he has obtained the Final Certificate in Law of the University of Adelaide certifying that he has passed or been credited with prescribed examinations in the following subjects namely:—
 - (i) Elements of Law,
 - (ii) Constitutional Law, Part I,
 - (iii) Criminal Law and Procedure,
 - (iv) The Law of Contract,
 - (v) The Law of Torts,
 - (vi) The Law of Property,
 - (vii) Equity,
 - (viii) Mercantile Law,
 - (ix) The Law relating to Companies, Partnership, Bankruptcy, and Divorce,
 - (x) The Law of Evidence and Procedure; and
- (b) he has produced to the Faculty of Law of the University of Adelaide a certificate from the Lecturer that he has attended and shown a satisfactory interest in a course of lectures on the subject of Legal Ethics.

PERIOD OF ARTICLES

7. The period for which an applicant (not previously admitted elsewhere) is required to serve under articles is four years
Provided—

- (1) that any applicant who has obtained, or become qualified to receive the degree of Bachelor of Laws of the University shall be eligible for admission after serving under articles for not less than three years, and
- (2) that any applicant who has—
 - (a) obtained the said degree, and
 - (b) served under articles for at least one year after obtaining, or becoming qualified to receive, the same shall be eligible for admission after serving under articles for not less than two years.

¹ The Board of Examiners of the Supreme Court of South Australia.

8. In the case of a person articulated to a practitioner practising in the country one year of the period of articles prescribed by the preceding Rule may be served with the Adelaide agent of such practitioner, and the employment of the clerk as a *bona fide* pupil of the Adelaide agent, or his partner (if any) for such period of one year shall be deemed to be service under his articles of clerkship.

9. Any period during which a clerk has been or has acted as associate to a Judge of the Supreme Court of the State may be deemed by the Board to be a period served as an articulated clerk to a practitioner.

10. No articles of clerkship shall bind a clerk to service after he has been admitted as a practitioner.

ENTRY INTO ARTICLES OF CLERKSHIP

11. No person may enter into articles of clerkship unless

- (a) he has been matriculated, and has passed the Intermediate Examination in Law at the University;
- (b) he has given to the ¹Master, and to the ²Law Society at least twenty-one clear days notice of his intention to enter into articles. Such notice shall be in Form A in the schedule hereto, and shall contain the particulars therein prescribed.

Provided that, where any person has been required by notice (Form B) to attend personally before the Board and to satisfy it of his good character and fitness to enter into articles, such person shall not enter into articles until the Board has given its consent in writing thereto.

14. Within one month after the execution of his articles the articulated clerk shall—

- (a) file the articles in the office of the ¹Master together with an affidavit verifying the due execution thereof;
- (b) produce to the Master a certificate, or certificates by the University showing that the clerk has the qualifications required by Rule 11;
- (c) file in the office of the Master a copy of every such certificate; and
- (d) serve on the ²Law Society copies of the said affidavit and of every such certificate, and of any consent, decision or determination given or made by the Board pursuant to the proviso to Rule 11, or to Rule 7, as the case may require.

15. Within one month after the execution of any supplementary articles, or of any assignment of any articles, the clerk shall—

- (a) file in the office of the ¹Master the supplementary articles, or the assignment together with an affidavit verifying the due execution; and
- (b) serve on the ²Law Society a copy of the said affidavit and of any decision or determination of the Board given or made pursuant to Rule 22 (2), or to the proviso to Rule 7.

¹The Master of the Supreme Court of South Australia.

²The Law Society of South Australia Incorporated.

SERVICE UNDER ARTICLES.

16. No clerk shall be articed to a practitioner who has not been in practice in this State as a principal for a continuous period of five years, unless the practitioner is the Crown Solicitor of this State or the Deputy Crown Solicitor for the Commonwealth in this State.

17. No practitioner shall have more than two articed clerks serving under articles at the same time.

18. No practitioner shall take, or retain any articed clerk after he has ceased to practise as a practitioner, or whilst he is employed as a clerk by another practitioner.

19. (1) Subject to these Rules, every articed clerk shall during the whole term of his articles be actually employed in this State in the proper business, practice and employment of a practitioner under the personal supervision of—

(a) the practitioner practising in this State to whom he is articed; or

(b) a partner of the practitioner; or

(c) a practitioner who for the time being is carrying on the business of the practitioner to whom the clerk is articed.

Provided that (for the purposes of clause (b) or (c) as the case may be) the partner or practitioner shall have been in practice in this State as a principal for a continuous period of five years.

(2) The Assistant Crown Solicitor shall for the purpose of this Rule be deemed to be a partner of the Crown Solicitor for the State.

20. (1) No articed clerk shall during the period of his articles pursue any occupation or business other than the proper business of the practitioner to whom he is articed or his partner (if any).

(2) A clerk articed to the Crown Solicitor of the State, or the Deputy Crown Solicitor for the Commonwealth in this State, shall not be deemed to pursue any such occupation or business by reason merely of the fact that he is a public servant.

21. Absence on duty as a member of the naval, military, or air forces of the Commonwealth of Australia under the National Service Act 1951-1953 or otherwise shall not terminate a clerk's articles, but any period of such service which exceeds sixteen days in any one year shall not be deemed service under articles unless the Court otherwise determines.

APPLICATIONS AND APPEALS

41. Applications for admission shall be made only on the first Tuesday in the month of March, and on the first Monday in the months of June and October in each year, and on such other days as the Court may specially appoint.

EXEMPTIONS

46. The Court, if under special circumstances it thinks fit so to do, may exempt any person from compliance, or further compliance with any of these Rules either entirely, or partially, or subject to conditions.

OF THE DEGREE OF MASTER OF LAWS REGULATIONS

1. No candidate shall be admitted to the degree of Master of Laws until the expiration of two academic years from the date of his admission to the degree of Bachelor of Laws in this or in some other University recognised by this University.

*1a. A graduate of another University recognised by this University, whose qualifications are considered by the Faculty of Law to be equivalent to those of the degree of Bachelor of Laws, may after the expiration of two years from the date of his admission to such degree be allowed by the Council, subject to any special conditions it may impose, to proceed to the degree of Master of Laws in compliance with these regulations.

2. Candidates for the degree of Master of Laws must have qualified for the Honours degree of Bachelor of Laws or must pass an examination approved by the Faculty of Law.

3. Every candidate shall present a thesis on a subject approved by the Faculty of Law, and shall adduce sufficient evidence that the thesis is his own work.

4. If a thesis submitted by a Bachelor of Laws for the degree of Doctor of Laws be considered by the Faculty, after report by the examiners appointed to adjudicate upon it, not sufficiently meritorious to qualify for the degree of Doctor of Laws, but satisfactory for the degree of Master of Laws, the degree of Master of Laws may be conferred upon the candidate, provided that the candidate is in other respects qualified to submit himself for this degree.

5. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

6. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Master of Laws.

†7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar

* Allowed 7th December, 1939.

† Allowed 18th October, 1956.

Allowed 10th December, 1930.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the thesis -	-	-	-	-	-	£10	10	0
On entry for any examination required -	-	-	-	-	-	10	10	0
On admission to the degree -	-	-	-	-	-	10	10	0

OF THE DEGREE OF DOCTOR OF LAWS REGULATIONS

*1. A Bachelor or Master of Laws may proceed to the degree of Doctor of Laws by complying with the following regulations, but shall not be admitted to the degree until the expiration of the fourth academic year from his admission to the degree of Bachelor of Laws.

* Allowed 10th December, 1930.

2. Every candidate shall present an original thesis of sufficient merit exhibiting powers of original research on some branch or subject of law proposed by him and approved by the Faculty of Law. He must satisfy the examiners by such proof as they shall require that the thesis is his own composition.

3. The examiners may, if they think fit, examine the candidate either orally or by written questions in the subject matter of his thesis.

4. A printed or typewritten copy of any thesis approved by the examiners shall be deposited by the candidate in the Library of the University before he is admitted to the degree.

5. Candidates who comply with the foregoing conditions and satisfy the examiners may be admitted to the degree of Doctor of Laws.

*6. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

†7. Repealed.

Schedule of Fees prescribed by the Council under Regulation 6

DEGREE OF DOCTOR OF LAWS

On presentation of the thesis -	-	-	-	-	-	£31	10	0
On admission to the degree -	-	-	-	-	-	10	10	0

* Allowed 18th October, 1956. † Repealed 10th December, 1930.

Allowed 12th December, 1907.

OF THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY REGULATIONS

1. The course of study for the degrees of Bachelor of Medicine and Bachelor of Surgery shall extend over six years after matriculation.

2. To qualify for the degrees a candidate shall

(a) attend lectures and do written and laboratory or other practical work to the satisfaction of the Professors or Lecturers concerned;

(b) pass an annual examination at the end of each year of study; and

(c) complete each annual examination before entering upon the work of the following year's course of study: provided that a candidate may begin the first term's work in the following year's course of study pending the result of a supplementary examination for which he has been permitted to present himself.

†3. A candidate shall enter for each annual examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has completed the course of study and practice prescribed for that examination.

† Allowed 20th December, 1956.

4. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken and the examinations to be passed, shall be drawn up by the Faculty of Medicine and submitted to the Council. Such schedules shall become effective as from the date of approval of the Council or from such other date as the Council may determine and shall be published in the next University Calendar which is issued after that approval has been given.

5. Written or practical work done by candidates by direction of the Professors or Lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

6. A student who has passed examination *in pari materia* in other Faculties or otherwise, and desires that such examination shall be counted *pro tanto* for the degrees of Bachelor of Medicine and Bachelor of Surgery in any year, shall on application to the Council be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

7. The Board of examiners may grant a supplementary examination to a student who has been prevented by illness or other sufficient cause from attendance at the whole or part of the annual examination at the end of the first, second, third, fourth or fifth year or who has failed in part of such examination. But if he fail to pass in such supplementary examination he shall be required to pass at an ordinary examination in all the subjects of the examination before proceeding further with his course. A candidate who fails to pass an examination shall do such additional work as the Faculty may direct before presenting himself for a further annual examination.

*8. Subject to any direction given by the Council in case of emergency, the annual examination shall be held in or about August or November, as the Council shall in each case determine from time to time. The supplementary examinations of the first five years shall be held about three months after the annual examinations. The annual examination at the end of the sixth year's course shall be known as the Final Examination. A Final Examination shall also be held in May or June. On the recommendation of the Board of Examiners the Faculty may debar any candidate who has failed in a Final Examination from presenting himself at a subsequent Final Examination until a period of twelve months shall have elapsed since that failure. Before sitting for a further Final Examination a candidate shall produce a certificate or certificates that he has performed such further study as may have been prescribed by the Board of Examiners. At its discretion the Board may permit a candidate who failed at a Final Examination in only one group of subjects to present himself in that group of subjects only at the next examination, and if he satisfy the examiners in that group he shall be deemed to have passed the whole examination.

9. A student shall not be re-examined at a supplementary examination in any subject or group of subjects in which he had passed at an annual examination; and on passing the supplementary examination in the subject or in the group of subjects in which he had failed to

* Amended 20th December, 1956, and 9th January, 1958.

present himself or to pass at an annual examination he shall be deemed to have completed the whole of that annual examination, but without classification.

10. The Registrar shall report to the Faculty of Medicine, at its next meeting following that of the Board of Examiners, cases of students in the first, second, or third year of the medical course who fail to pass at two successive annual examinations. The Faculty may, after giving the student an opportunity of being heard, recommend that any such student be precluded from proceeding further with the medical course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

†11. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classed at that annual examination.

‡ 12. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

13. All regulations hitherto in force concerning the degrees of Bachelor of Medicine and Bachelor of Surgery are hereby repealed: provided that this repeal shall not affect

- (a) anything done or suffered under any regulations hereby repealed or
- (b) any right or status acquired, duty imposed, or liability incurred by or under any regulation hereby repealed.

† Allowed 22nd December, 1955.

‡ Allowed 18th October, 1956.

Allowed 25th August, 1955.

SCHEDULES.

[Notes:— 1. The Hospital Clinical Year begins on the 1st February.

2. Candidates should obtain the descriptive leaflet on the Medical Course, which gives details of the scientific equipment required by each student before the commencement of the various years of the course.]

I. SCHEDULE OF COURSES OF STUDY.

Subjects for each Year of the Medical Course.

During the first year the student shall attend courses of lectures and practical work in (a) Physics, (b) Chemistry, (c) Biology.

During the second year the student shall

- (a) attend a course of lectures and demonstrations in Anatomy, and dissect during the whole academic year;
- (b) attend courses of lectures and practical work in Histology and Embryology;
- (c) attend a course of lectures and practical work in Biochemistry;
- (d) attend a course of lectures and practical work in Physiology.

During the third year the student shall

- (a) attend a course of lectures and practical work in Anatomy, including surface, surgical and radiological anatomy;
- (b) attend a course of lectures and practical work in Neurology;

- (c) attend courses of lectures and practical work in Physiology, including Applied Physiology;
- (d) attend a course of lectures in Normal Psychology;
- (e) attend a course of lectures in Public Health;
- (f) attend at the Royal Adelaide Hospital for clinical tutoring as directed by the Faculty.
- (g) during the third term attend such courses of instruction in introductory clinical work including General Pathology and Bacteriology as may be prescribed by the Faculty.

During the fourth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and Medical Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and in Clinical Surgery (including Radiology), except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of instruction and practical work in Pathology;
- (e) attend a course of instruction and practical work in Bacteriology;
- (f) attend a course of demonstrations in Regional and Surgical Anatomy and in Operative Surgery;
- (g) attend a course of instruction in Pharmacy, and obtain a certificate of competency from the lecturer therein.
- (h) attend a course of instruction at the Department of Dentistry at the Royal Adelaide Hospital;
- (i) attend at least forty *post-mortem* examinations;
- (j) receive tutorial instruction in Medicine and Surgery;
- (k) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and in the outpatients' department except during any period of residence at the Queen Victoria Maternity Hospital.

During the third, fourth and fifth years the student shall

- (a) attend a course of lectures and lecture-demonstrations in Applied Physiology, and conduct clinical physiological investigations to the satisfaction of the Professor;
- (b) attend the Queen Victoria Maternity Hospital for four weeks for clinical work in Obstetrics.

During the fourth, fifth, and sixth years the student shall

- (a) perform the duties of Medical Clerk during at least six months which shall include attendance for three weeks at the Pulmonary Tuberculosis Department of the Royal Adelaide Hospital, including six attendances at the Outpatients' Department;
- (b) perform the duties of Surgical Dresser during at least six months;
- (c) attend a course of instruction at the Royal Adelaide Hospital and at the Adelaide Children's Hospital in the administration of Anaesthetics by some person approved by the Council.

During the fifth year the student shall

- (a) attend a course of lectures in the Principles and Practice of Medicine and in Therapeutics;
- (b) attend a course of lectures in the Science and Art of Surgery, including Operative Surgery;
- (c) attend courses of lectures in Clinical Medicine and Clinical Surgery at the Royal Adelaide Hospital except during any period of residence at the Queen Victoria Maternity Hospital;
- (d) attend a course of lectures in Obstetrics;
- (e) attend a course of lectures in Gynaecology;
- (f) complete the course of instruction and practical work in Pathology;
- (g) attend a course of lectures and demonstrations in Public Health and Preventive Medicine;
- (h) attend a course of lectures in Forensic Medicine;
- (i) attend a course of lectures and clinical demonstrations in Psychological Medicine;
- (j) attend courses of lectures in the medical and surgical diseases of children;
- (k) complete a course of instruction in Venereal Diseases, including six attendances at the Venereal Clinic at the Royal Adelaide Hospital;

- (l) complete a course of instruction consisting of twelve attendances at the Metropolitan Infectious Diseases Hospital or other institution approved by the Faculty;
- (m) continue to receive tutorial instruction in Medicine and Surgery;
- (n) attend the medical and surgical practice of the Royal Adelaide Hospital in the wards and outpatients' department, except during any period of residence at the Queen Victoria Maternity Hospital;
- (o) attend interim examinations in clinical medicine and clinical surgery. During the fifth and sixth years the student shall:
 - (a) hold the office of Medical Clerk in the outpatients' department of the Royal Adelaide Hospital for two days a week during twelve weeks;
 - (b) hold the office of Surgical Dresser in the outpatients' department at the Royal Adelaide Hospital for two days a week during twelve weeks;
 - (c) attend for twelve weeks the practice of the Gynaecological Clinic at the Royal Adelaide Hospital in the wards and outpatients' department;
 - (d) attend at least forty *post-mortem* examinations;
 - (e) attend a course of lectures and attend for two days a week for twelve weeks the practice of the Ophthalmological Department;
 - (f) hold for six weeks each the offices of Medical Clerk and Surgical Dresser at the Adelaide Children's Hospital;
 - (g) during term of residence at the Queen Victoria Maternity Hospital attend on at least five occasions at an approved Infant Welfare Clinic.

During the sixth year the student shall

- (a) attend courses of lectures in Clinical Medicine and in Clinical Surgery;
- (b) attend the course of lectures on the Diseases of the Ear, Nose, and Throat, and attend one day a week during twelve weeks the practice of the Ear, Nose, and Throat Department;
- (c) attend a course of lectures in Medical Ethics;
- (d) attend the Queen Victoria Maternity Hospital for two weeks for clinical work in Obstetrics;
- (e) attend on ten occasions the practice of the Dermatological Department at the Royal Adelaide Hospital;
- (f) perform the duties of Medical Clerk for eight weeks, including six attendances at the outpatients' department of the Pulmonary Tuberculosis Department;
- (g) perform the duties of Surgical Dresser for eight weeks;
- (h) attend a special lecture on life assurance.
- (i) after having served two months as a Medical Clerk in the general wards of the Royal Adelaide Hospital, attend six lecture-demonstrations in Pulmonary Tuberculosis.

NOTE.—In the interim period during the establishment of the Western Australian medical school, Western Australian students proceeding to the degrees of M.B., B.S., of the University of Adelaide, will be required to attend the following Western Australian hospitals to receive their clinical instruction:

Royal Perth Hospital (in lieu of the Royal Adelaide Hospital),
 King Edward Memorial Hospital (in lieu of the Queen Victoria Maternity Hospital),
 Princess Margaret Hospital for Children (in lieu of Adelaide Children's Hospital).

II. SCHEDULE OF EXAMINATIONS MADE BY THE COUNCIL UNDER REGULATION 4.

1. At the First Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. Physics (531)
2. Chemistry (532)
3. Biology (533).
4. Medicine and the Humanities (534). (Candidates must satisfy the examiner in this subject before being permitted to proceed with the work of the Third Year of the course.)

2. At the Second Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. Biochemistry (541)
2. Histology and Embryology (542).

3. At the Third Annual Examination the candidate shall satisfy the examiners in each of the following subjects:

1. Anatomy (546)
2. Human Physiology (547).

4. At the Fourth Annual Examination the candidate shall satisfy the examiners in each of the following subjects:
 1. General Pathology (551)
 2. Bacteriology (552)
 3. Applied Physiology and Pharmacology (553).
5. At the Fifth Annual Examination the candidate shall satisfy the examiners in each of the following groups of subjects:
 1. Special Pathology (561)
 2. Public Health and Preventive Medicine (562), and Forensic Medicine (563).
6. At the Final Examination the candidate shall satisfy the examiners in each of the following groups of subjects:
 1. The Principles and Practice of Medicine, including Medical Diseases of Children and Psychological Medicine (571)
 2. The Science and Art of Surgery, including Surgical Diseases of Children and Diseases of the Eye, Ear, Nose and Throat (572)
 3. Obstetrics and Gynaecology (573).

III. SCHEDULE OF FEES PRESCRIBED BY THE COUNCIL UNDER REGULATION 12.

- A. For attendance (or re-attendance) at lectures, practical work and annual examination:
 - (1) In each of the first, second and third years - - £80 0 0
 - (2) In each of the fourth, fifth and sixth years - - 70 0 0
- B. For a supplementary examination:
 - (1) In any single subject - - - - - £5 5 0
 - (2) In any group of subjects - - - - - 10 10 0

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL.

- NOTE.—Students' Fees must be paid during the first week of attendance.
1. Each medical student admitted to the practice of the Hospital shall be under the control of the Medical Superintendent.
 2. No student shall publish the report of any case without the written permission of the Honorary Medical Officer under whose care the patient is or has been.
 3. No student may introduce visitors into the Hospital without the permission of the Medical Superintendent.
 4. Students shall discharge the duties assigned to them, and pay for or replace any article damaged or lost or destroyed by them through negligence.
 5. The Hospital clinical year extends from 1st February until 20th October, but during vacation students may attend at the Hospital for clinical work under the honorary and resident staff.
 6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Board, and shall, on dismissal, forfeit all payments which he may have made and all right accruing therefrom.

Clerks and Dressers.

7. Every Clerk and Dresser shall—
 - (a) be appointed every term, and may apply for appointment under any Honorary Officer; appointments shall be allotted by the Medical Superintendent, who will be guided by the result of the University examinations;
 - (b) attend at 8.30 a.m. and sign his name in a book provided for that purpose; the book shall be removed at 9.15 a.m. for inspection by the Registrar, to whom any failure to attend must be explained;
 - (c) at 9 a.m. attend the wards and accompany his Honorary Officer during his visits, and on other days his Resident Medical Officer when making his round of the wards in the morning; assist him and be under his immediate supervision, and perform any surgical dressings or pathological examinations as directed by him; assist the Surgeon and the House Surgeon in operations upon cases allotted to him; at 12.30 p.m. leave the wards, to which he may return at 1.30 p.m.;
 - (d) take the new cases allotted to him in turn (these must be recorded within twenty-four hours of admission); make subsequently, at least twice a week, written notes to be read by the Honorary Officer, if required;
 - (e) attend the out-patient practice of the Hospital when directed by the Medical Superintendent and do whatever work may be required of him;
 - (f) attend post-mortem examinations, and if in charge of the case while in the ward assist the Pathologist in the examination:

- (g) in his capacity as a student, if a clinical clerk, and under the direction of, and in the presence of the Pathologist, carry out any post-mortem examination required of him (a record of the examinations made by him will be kept in the attendance-book at the mortuary);
- (h) if present at a post-mortem examination, sign his name in the attendance-book, which will be countersigned by the Pathologist.
- (i) at the end of each term, if he has fulfilled these conditions, obtain certificates signed by his Honorary Officers, and at the end of the year by the Medical Superintendent, and countersigned by the Chairman of the Board; if the conditions have not been fulfilled the Dean of the Faculty of Medicine shall be informed.

Resident Dressers for Casualty Duties.

8. The group of dressers allotted to the Honorary Surgeons shall, during the period the surgeon is taking in cases, be appointed to the following Hospital duties:—

9. Two such dressers shall be permitted to reside in the Hospital and be on duty from 5 p.m. to 9 a.m.

10. There shall be two dressers of the group on casualty duty each day from 9 a.m. to 1 p.m., and two from 1 p.m. to 5 p.m.

11. Each dresser during his term of Hospital duties shall be under the supervision of the Admitting Medical Officer, and shall not administer any treatment except when directed by him.

12. Dressers when performing casualty duties shall—

- (a) assist the Admitting Medical Officer in the Casualty Room;
- (b) examine and assist in the investigation and emergency treatment of cases admitted to the Medical and Surgical Wards;
- (c) attend or assist at emergency operations, as directed by the Medical Superintendent;
- (d) write, at the dictation of the Admitting Medical Officer, a summary of investigation and emergency treatment carried out, and submit such to the Resident Medical Officer to whom the patient is assigned.

13. The Medical Superintendent shall, in allotting Hospital duties, be guided by the results of examinations.

- 14. } Suspended.
- 15. }
- 16. }

17. Every medical student shall pay to the University the following fees for admission to the practice of the Royal Adelaide Hospital, as determined by the Hospital Board, viz.

(1) For clinical instruction by the Honorary Staff:—

£17/17/0 per annum in each of the 4th, 5th and 6th years of the course.

(2) For the clinical practice of the Hospital (including instruction in Dentistry and material supplied for use in operating theatres):—

£7/7/0 per annum in each of the 4th, 5th and 6th years of the course.

The following fees are to be paid for material supplied by the Institute of Medical and Veterinary Science:—

1. For material in bacteriology, £1 1/-.

2. For material in practical pathology, £2 2/-.

Approved by the Council, 1925 and 1933.

INSTITUTE OF MEDICAL AND VETERINARY SCIENCE
RULES FOR MEDICAL STUDENTS

1. The Adelaide Medical Students' Society shall early in each academic year appoint a Committee which shall be responsible for the care of any property at the Institute of Medical and Veterinary Science used by medical students. One of the members of the Committee shall be appointed secretary of the Committee. The members of the Committee shall hold office until their successors are appointed.

2. The names of the members of the Committee shall be forwarded annually by the secretary of the Committee to the Registrar of the University and the Secretary of the Institute.

3. In the event of damage being caused by students to the grounds or property of the Institute, the Secretary of the Institute shall at once report the fact to the Secretary of the Committee.

4. The members of the Committee shall consider any report given under paragraph 3 and if satisfied that the damage reported has been caused by students shall hold themselves responsible to make good the damage to the satisfaction of the Director of the Institute.

5. If the members of the Committee are not satisfied that the damage has been caused by students they shall inform the Secretary of the Institute and report at once to the Registrar of the University in order that he may arrange a conference between them and representatives of the Council of the Institute. If no understanding is then reached a joint letter from the conference shall be sent to the Board of Discipline.

6. No student may introduce visitors into the Institute without the permission of the Director of the Institute.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE
ADELAIDE CHILDREN'S HOSPITAL

Medical students of the University are admitted to the practice of the Adelaide Children's Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that the Board of Management may make from time to time:—

1. Students may attend the practice of the Adelaide Children's Hospital between the hours of 8.30 a.m. and 12 noon, and at other times if they have obtained the permission of one of the Visiting or Resident Medical Officers.

They shall carry out their duties in the wards and outpatients' department in a manner similar to that indicated in the rules for the Royal Adelaide Hospital.

2. No student may publish the report of any case without the authority of the Visiting Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident Medical Officer, or in his or her absence of the Superintendent of Nurses.

4. The fees to be paid are as follows:—

For three months' course	-	-	-	-	-	-	£1	1	0
For perpetual attendance	-	-	-	-	-	-	2	2	0

(These fees are to be paid to the Secretary of the Hospital.)

For instruction in the medical and surgical practice of the hospital	-	-	-	-	-	-	3	3	0
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5. Certificates of attendance signed by the Resident Medical Officer are issued after approval of the Medical Committee of the Board of Management.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE QUEEN VICTORIA MATERNITY HOSPITAL

Medical students of the fourth, fifth, and sixth years are admitted to the practice of the Queen Victoria Maternity Hospital under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Committee of the Hospital.

1. Students shall reside in the Hospital for a period of four weeks during the fourth year, four weeks during the fifth year, and two weeks during the sixth year, and shall carry out such duties in the wards and in the ante- and post-natal departments as are required by the Director in Obstetrics and the Honorary Medical Officers in charge.

2. No student may publish the report of any case without the authority of the Director and of the Honorary Medical Officer under whose care the patient has been.

3. No student may introduce visitors into the Hospital without the permission of the Resident House Surgeon or in his absence of the Matron of the Hospital.

4. The fees to be paid are as follows:—

(a) For board and residence in the Hospital at the rate of 69/9 a week;

(b) for clinical work at the Hospital at the rate of £1 1/- for each four weeks in residence at the Hospital.

These fees are to be paid to the University on behalf of the Hospital, and each student must produce to the Matron a receipt for such fees before being allowed to start work in the Hospital each year.

5. Students shall be responsible for having the obstetric attendance cards obtained from the University signed by the Director and the Honorary Medical Officers, the Tutors, and the House Surgeons, or the Matron at the Hospital as required, and these signatures shall be obtained within ten days of completing such term of residence in the Hospital.

6. During their attendance at and residence in the Hospital, students shall conform to such rules of conduct as may be laid down from time to time by the Committee of the Hospital.

7. An Investigation Committee for students at the Hospital shall be constituted, of which the Director of Obstetrical Studies and one of the Senior Honorary Medical Officers of the Hospital shall be members, together with at least one other member appointed by the Committee of Management of the Hospital.

8. If any student infringes any of these rules or otherwise misconducts himself he may be temporarily suspended by the Director or the Medical Officer in charge, and such Medical Officer shall at once notify the Director of Obstetrical Studies, in order that the complaint may be considered by the Investigation Committee of the Hospital.

This Committee shall decide whether the offence merits admonition, fine, suspension for a certain time, or dismissal from the Hospital; and shall report its decision to the Board of Discipline of the University.

Provided always that should the decision of the Investigation Committee be suspension for a period or dismissal from the Hospital, the decision shall first be referred to the Committee of Management of the Hospital for confirmation or otherwise. If such decision be confirmed by the Committee of Management, it shall be reported to the Board of Discipline of the University, together with the grounds on which such decision has been taken.

9. (a) The Board of Discipline of the University shall have no power to vary such decision, but it may suggest to the Investigation Committee a variation of the penalty. The Board shall in all cases consider whether any further action shall be taken by the University.

(b) If suspension or dismissal by the Committee of the Hospital results in the student being unable to qualify to enter for his next examination in due course, the Board of Discipline, if it thinks fit, may recommend to the Faculty of Medicine that arrangements be made, if possible, for the student to do equivalent work elsewhere and thereby qualify to present himself for the next or such later examination as the Faculty may decide.

RULES FOR THE ADMISSION OF MEDICAL STUDENTS TO THE PRACTICE OF THE "MAREEBA" BABIES' HOSPITAL, THE BEDFORD PARK SANATORIUM, THE MORRIS HOSPITAL, THE NORTHFIELD WARDS OF THE ROYAL ADELAIDE HOSPITAL.

Medical students of the University are admitted to the practice of the above Hospitals under the conditions hereinafter mentioned, and subject to any fresh rules that may from time to time be made by the Council of the University in conjunction with the Director-General of Medical Services:—

1. Each medical student admitted to the practice of the Hospital shall be under the control of the medical administrator or of the Medical Superintendent.

2. No student may publish the report of any case without the written permission of the medical officer under whose care the patient is or has been.

3. No student may introduce visitors into the Hospital without the permission of the medical administrator or of the Medical Superintendent.

4. Students shall discharge the duties assigned to them and pay for or replace any article damaged or lost or destroyed by them through negligence.

5. Certificates of attendance shall be signed for the Medical Diseases of Children, by the Clinical Lecturer; for attendance at the Bedford Park Sanatorium and the Morris Hospital, by the physician to whom the student has been attached as a Clinical Clerk; for the practice of the Northfield Wards of the Royal Adelaide Hospital, by the Tutor in Infectious Diseases.

6. Any student infringing any of these rules, or otherwise misconducting himself, shall be subject to suspension or dismissal by the Director-General of Medical Services and shall, on dismissal, forfeit all payments which he may have made and all rights accruing therefrom.

† OF THE HONOURS DEGREE OF BACHELOR OF MEDICAL SCIENCE REGULATIONS

†1. There shall be an Honours degree of Bachelor of Medical Science which may be obtained in one of the following schools: (a) Anatomy, (b) Biochemistry, (c) Physiology, (d) Genetics, (e) Bacteriology, (f) General Pathology, (g) Pharmacology.

†2. (a) A candidate for the degree in Anatomy, Biochemistry, Physiology or Genetics shall have passed the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work. A candidate for the degree in Genetics shall also have passed in Genetics I.

(b) A candidate for the degree in Bacteriology, General Pathology or Pharmacology shall have passed the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, and shall be deemed by the Head of the Department concerned to be a suitable candidate for advanced work.

†3. To qualify for the degree a candidate shall either:

(a) interrupt his medical course after the Third Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery to undertake for one year a course of advanced study in Anatomy, Biochemistry, Physiology or Genetics; or

(b) interrupt his medical course after the Fourth Examination for the degrees of Bachelor of Medicine and Bachelor of Surgery, to undertake for one year a course of advanced study in Bacteriology, General Pathology or Pharmacology. On the completion of the course of advanced study a candidate shall present himself for examination, and on satisfying the examiners he shall be qualified for admission to the degree.

†4. The names of the candidates who qualify for the degree shall be published in alphabetical order within the following classes and divisions in each school:

First Class

Second Class

Division A

Division B.

† Awaiting allowance at time of printing.

†5. A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

6. Schedules defining the course of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Faculty of Medicine and be submitted to and approved by the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

7. A student who has passed examinations *in pari materia* and at equivalent standards in another Faculty or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Medical Science, shall on application be granted such status and such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass-lists of that year.

† Allowed 20th December, 1956.

Allowed 8th December, 1949.

Schedule of Fees prescribed by the Council under Regulation 6

For the special year's work and examination in any subject for the Ordinary degree or for the Honours

degree - - - - - £52 10 0

OF THE DEGREE OF DOCTOR OF MEDICINE REGULATIONS

1. A Bachelor of Medicine may proceed to the degree of Doctor of Medicine by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Medicine.

A graduate in Medicine of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

2. To qualify for the degree a candidate shall submit a satisfactory thesis on some branch of Medicine or an allied science approved by the Faculty.

*3. The degree shall be awarded only if the thesis contains an account of original work by the candidate. The thesis must represent a definite contribution to knowledge. The thesis may be written specially for the degree, or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty. It shall not previously have been submitted for any other degree.

4. The candidate shall:

- (a) submit with his thesis a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance medical knowledge or practice;
- (c) furnish a history of the progress of medical knowledge in the subjects of the thesis;
- (d) indicate clearly and fully, by appropriate references, the extent to which he is indebted for any portion of his work to any other person.

A candidate is recommended to submit the proposed subject of his thesis for approval by the Faculty in advance, and if possible to consult the Professor or head of the department within which his thesis falls about the nature, scope and arrangement of the thesis before submitting it.

5. A candidate may submit other papers in support of his main thesis.

6. If it approve of the subject or subjects of the work submitted the Faculty of Medicine shall nominate examiners, of whom one at least shall be an external examiner.

7. A candidate may be required by the examiners to undergo an examination in the subject-matter of his thesis.

8. The names of successful candidates shall be arranged in alphabetical order.

*9. Three copies of the thesis and of any supporting papers which the candidate desires to submit must be lodged with the Registrar.

10. A printed or typewritten copy of any thesis approved by the examiners shall be lodged in the library of the University before the candidate is admitted to the degree.

†11. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Allowed 18th October, 1956.

* Allowed 11th November, 1954.

Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 11

On presentation of the thesis -	-	-	-	-	-	£31 10 0
On admission to the degree -	-	-	-	-	-	10 10 0

OF THE DEGREE OF MASTER OF SURGERY
REGULATIONS

‡ 1. A Bachelor of Surgery may proceed to the degree of Master of Surgery by complying with the following regulations, but shall not be admitted to the degree until the expiration of the third academic year from the date of his admission to the degree of Bachelor of Surgery.

A graduate in Surgery of another University must be admitted *ad eundem gradum* in the University of Adelaide before he may become a candidate. In such a case the three academic years specified above shall be calculated from the date of the candidate's admission to the degree by virtue of which he was admitted *ad eundem gradum*.

A Master of Surgery of another University will be recommended for admission *ad eundem gradum* in the University of Adelaide only if the Faculty of Medicine certify that in its opinion the degree, by virtue of which the candidate desires admission, is equivalent to the degree of Master of Surgery in the University of Adelaide.

* 2. The examination for the degree shall be divided into two parts. Part I shall consist of Anatomy and Physiology, may be taken at any time after graduation in medicine and surgery, and must be taken by every candidate not exempted under Regulation 3. Part II shall consist of an examination in Surgery, and shall not be taken before the expiration of three academic years from the date of graduation in Medicine and surgery. Before being admitted to Part II of the examination a candidate must have spent at least one year in surgical practice approved by the Faculty of Medicine.

† 3. A candidate who has passed the primary examination for the Fellowship of the Royal College of Surgeons of England or of the Royal Australasian College of Surgeons or Part I of the examination for the degree of Master of Surgery in another Australian University, may, on application to the Faculty of Medicine, be granted exemption from Part I of the examination.

4. A candidate in Part II of the examination shall, unless exempted as hereinafter provided, pass in

- (a) The Principles of Surgery, including the history of the subject, and
- (b) Such one of the following groups as he may select:
 - (1) General Surgery, including Surgical Anatomy, Pathology, and Operative Surgery, and the history of those subjects;
 - (2) Obstetrics and Gynaecology, including the surgical anatomy, pathology, operative surgery, and history of those subjects;
 - (3) The Surgery of the Eye, including the surgical anatomy, pathology, operative surgery, and history of that subject;

‡ Allowed 10th January, 1946, and amended 11th December, 1947.

* Allowed 11th December, 1947.

† Amended 16th June, 1949.

- (4) The Surgery, of the Ear, Nose, Throat, and Larynx, including the surgical anatomy, pathology, operative surgery, and history of those subjects.

Schedules prescribing further details of the subjects mentioned in this regulation may be drawn up from time to time by the Faculty of Medicine, subject to the approval of the Council.

*5. The examinations for the degree shall be held, if required, in May of each year. They shall be conducted by means of written papers, *viva voce* questions, practical demonstrations, and clinical examination of patients, or by any one or more of these methods as may be determined by the Faculty. Each candidate shall forward to the Registrar, before the first day of February, notice of his intention to present himself for examination in the following May, and shall state the group of subjects in which he desires to be examined.

*5a. A candidate who does not present a thesis as provided for in Regulations 6 and 7 shall submit with his entry for Part II of the examination a dissertation or essay on some subject approved by the Faculty of Medicine. Such dissertation or essay shall include a review of the history, literature and pathology of the subject and comments thereon derived from the candidate's own observations and experience.

6. A candidate may submit, with his entry for examination, an original thesis embodying the results of his independent research and observation on some branch of Surgery.

The thesis may be written specially for the degree or be an already published work, or be a paper or series of papers read before any recognised society approved by the Faculty.

If the candidate submit a thesis, he shall also:

- (a) submit with it a declaration that the thesis is his own composition;
- (b) indicate wherein he considers the thesis to advance surgical knowledge or practice.

7. If the thesis be adjudged to be a sufficient merit by the Faculty, after report by the examiners appointed to adjudicate upon it, the candidate may be exempted from the whole or part of the examination under Section (b) of Regulation 4; but in all cases he must pass the examination in the Principles of Surgery, including the history of that subject, required under Section (a) of that regulation, and the appropriate clinical, practical, and oral examinations.

8. At least one external examiner shall be appointed to assist in the conduct of each examination, and the names of successful candidates shall be arranged in alphabetical order.

9. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

†10. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

*Allowed 11th December, 1947.

†Allowed 18th October, 1956.

Allowed 10th January, 1946.

Schedule of Fees prescribed by the Council under Regulation 10

DEGREE OF MASTER OF SURGERY

On entry for examination in Part I	-	-	-	-	£ 15	15	0
On entry for examination in Part II	-	-	-	-	26	5	0
On admission to the degree	-	-	-	-	10	10	0

OF THE DEGREE OF BACHELOR OF DENTAL SURGERY
REGULATIONS

1. To obtain the degree of Bachelor of Dental Surgery, the student, after matriculation, must complete five years of study, and pass the examination proper to each year before commencing the course of study and practice for the following year.

* A candidate shall enter for each annual examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has completed the course of study and practice prescribed for that examination.

2. After passing the entrance examination, and before admission to the degree, the student shall attend at the Department of Dentistry at the Adelaide Hospital, or at some other recognised hospital, such course of study and practice as may be from time to time prescribed.

†3. Schedules prescribing details of the course of study and practice for each academic year shall be drawn up by the Faculty of Dentistry, and, after approval by the Council, shall be published before the commencement of each academic year.

4. The student shall not in any academic year be credited with attendance at a course of instruction on any subject unless he shall have attended on three-fourths of the occasions when such instruction has been given in that subject, except in case of illness or other sufficient cause to be allowed by the Council.

5. The Ordinary Examination shall be held in November of each year, the date to be fixed by the Council. In addition, a Supplementary Examination may be held in the following March, or on a date to be fixed by the Council.

When the course of instruction in any subject has been completed before the end of the third term, the examination in that subject may be held at any convenient time to be appointed by the Council between the termination of such course and the date fixed for the ordinary examination in November.

‡Written or practical work done by candidates by direction of the Professors or Lecturers or the Director of Dental Studies, and the results of terminal or other examinations in any subject, may be taken into consideration at the final examination in that subject.

**6. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the

‡ Amended 25th August, 1955.

* Allowed 20th December, 1956.

† Amended 5th December, 1940.

** Allowed 22nd December, 1955.

names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

7. Any student who has presented himself at an ordinary examination, but has failed to pass, or who, by reason of illness or other sufficient cause allowed by the Council, has been prevented from attending the whole or part of such examination may, if recommended by the Board of Examiners, apply to the Council for permission to present himself for examination at a supplementary examination. Such recommendation shall be made by the Board of Examiners when reporting the results of the ordinary examinations, but the Board shall in no case recommend for a supplementary examination any student who has failed to pass in more than two subjects at the ordinary examination.

8. The student shall not be re-examined at the supplementary examination in any subject in which he has passed at the ordinary examination in the previous year, and on passing the supplementary examination in the subjects in which he has failed to present himself or to pass at the ordinary examination, he shall be deemed to have completed an academic year of his course, but no classification shall be allowed.

†8a. The Registrar shall report to the Faculty of Dentistry at its next meeting following that of the Board of Examiners cases of students in the first or second year of the dental course who fail to pass at two successive annual examinations. The Faculty may, after giving the student an opportunity of being heard, recommend that any such student be precluded from proceeding further with the dental course. Such recommendation shall be reported to the Council at its next meeting, and the Council, after making such inquiry as it thinks fit, may confirm, vary, or set aside such recommendation.

9. Any student who has passed examinations *in pari materia* in other faculties or otherwise, and desires that such examinations shall be counted *pro tanto* for the degree of Bachelor of Dental Surgery, may on application to the Council, be granted such exemption from the requirements of these regulations as the Council shall determine, but shall not be entitled to classification in the pass lists of that year. The Faculty shall recommend to the Council the exemption to be granted in each individual case.

10. At the First Examination the student shall satisfy the examiners in each of the following subjects:—

1. Chemistry (602).
2. Physics (601).
- *3. Biology (603).
- §4. Dental Materials and Technics I (604).

*11. At the Second Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anatomy and Histology (611 and 612).
2. Junior Dental Anatomy (613).

* Allowed 12th December, 1929.

§ Amended 17th January, 1952.

*§ Allowed 20th December, 1956.

† Allowed 30th November, 1933.

3. Physiology and Biochemistry (615 and 614).

4. Dental Histology (612).

**5. Dental Materials and Technics II (616).

†12. At the Third Examination the student shall satisfy the examiners in each of the following subjects:—

1. Pathology and Bacteriology, including Dental Patho-Histology (622 and 623).
2. Dental Metallurgy (626).
3. Senior Dental Anatomy (621).
4. Prosthetic Dentistry I (627).
5. Conservative Dentistry I (625).

‡13. At the Fourth Examination the student shall satisfy the examiners in each of the following subjects:—

1. General Surgery (633).
2. General Medicine (632).
3. Prosthetic Dentistry II (637).
4. Crown and Bridge Work (636).
5. Dental Materia Medica and Therapeutics (634).
6. Oral Pathology (631).
7. Conservative Dentistry II (635).
8. General Dental Practice.

§14. At the Fifth Examination the student shall satisfy the examiners in each of the following subjects:—

1. Anaesthesia (645).
2. Oral Surgery (646).
3. Conservative Dentistry III (641).
4. Prosthetic Dentistry III (642).
5. Orthodontia (638 and 643).
6. Periodontia (642).
7. General Dental Practice (647).

(The Examination in Prosthetic Dentistry III shall include Oral Prosthesis and Crown and Bridge Work.)

*15. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

16. All regulations hitherto in force concerning the degree of Bachelor of Dental Surgery are hereby repealed, subject to the following provisions:—

- (a) These regulations shall apply to students beginning the course for the degree of Bachelor of Dental Surgery in and after the year 1928;

** Amended 17th January, 1952.

* Allowed 18th October, 1956.

† Amended 16th December, 1948, and 17th January, 1952.

‡ Allowed 11th December, 1947; amended 16th December, 1948, 14th December, 1950, 17th January, 1952, and 9th January, 1958.

§ Amended 16th December, 1948, and 9th January, 1958. Allowed 7th December, 1927.

- (b) Students who began their course before 1928 must complete it before the end of March, 1931, in accordance with the old regulations. Students who fail to do so must continue under these regulations, and for that purpose will be granted such status as the Council on the recommendation of the Faculty of Dentistry shall decide.

17. All questions arising under these regulations shall be determined by the Council.

SCHEDULES MADE BY THE COUNCIL UNDER REGULATIONS 3 and 15.

SCHEDULE I—COURSES OF STUDY

Subjects for each Year of the Dental Course

Note.—The dental clinical year at the Department of Dentistry of the Royal Adelaide Hospital extends, except in the case of first- and second-year students, from 1st February until the date in the Calendar on which lectures end in October. (See Hospital Rule 8.)

During the first year every student shall attend a course of instruction on each of the following subjects:—(a) Chemistry, (b) Physics, (c) Biology, (d) Dental Materials and Technics.

During the second year every student shall attend a course of instruction on each of the following subjects:—(a) Anatomy and Histology, (b) Junior Dental Anatomy, (c) Physiology and Biochemistry, (d) Dental Histology, (e) Dental Materials and Technics; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital:—(f) the practical demonstrations on Dental Materials and Technics, (g) the course of demonstrations and practical work on Tooth Morphology.

During the third year every student shall attend a course of instruction on each of the following subjects:—(a) General Pathology and Bacteriology, (b) Dental Pathology, (c) Senior Dental Anatomy, (d) Dental Materia Medica, (e) Prosthetic Dentistry, (f) Conservative Dentistry, (g) Dental Metallurgy; and shall attend at the Department of Dentistry of the Royal Adelaide Hospital; (h) the courses of demonstrations and laboratory work on Conservative Dentistry and on Prosthetic Dentistry, (i) the dental practice and clinical instruction.

During the fourth year every student shall attend a course of instruction on each of the following subjects:—(a) General Surgery, (b) General Medicine, (c) Oral Pathology, (d) Prosthetic Dentistry, (e) Crown and Bridge work, (f) Orthodontia, (g) Children's Dentistry, (h) Radiography, (i) Periodontia, (j) Dental Materia Medica and Therapeutics, (k) Preventive Dentistry, (l) Conservative Dentistry; and shall attend at the Royal Adelaide Hospital; (m) the course of clinical instruction on surgical and medical practice; and at the Department of Dentistry; (n) the courses of demonstrations and laboratory work on Prosthetic Dentistry, Crown and Bridge work, Orthodontic Technics, and the administration of Local Anaesthetics, (o) Oral diagnosis and treatment planning, (p) the dental practice and clinical instruction during the whole dental clinical year.

During the fifth year every student shall attend a course of instruction on each of the following subjects:—(a) General Anaesthetics, (b) Prosthetic Dentistry, (c) Orthodontia, (d) Oral Surgery, (e) Dental Jurisprudence, (f) Dental Public Health and Dental Services, (g) Dental Practice and clinical instruction.

For Minimum Requirements, see Syllabus.

SCHEDULE II—FEES

- | | | | |
|--|------|---|---|
| A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course | £ 75 | 0 | 0 |
| B. For a supplementary examination in any subject | - | 5 | 5 |

RULES FOR THE ADMISSION OF DENTAL STUDENTS TO THE PRACTICE OF THE ROYAL ADELAIDE HOSPITAL

1. Each dental student of the University of Adelaide shall be admitted to the practice of the Hospital under the control of the Medical Superintendent.

2. No student may introduce visitors into the Hospital without permission from the Medical Superintendent.

3. Every student shall conduct himself with propriety and discharge the duties assigned to him, and pay for or replace any article injured or lost, or destroyed by him, and make good any loss sustained by his negligence.

4. If any student infringe any rule of the Hospital, or otherwise misconduct himself, he shall be subject to dismissal by the Board.

Clinical Work at the Hospital.

5. Each student of the fourth year shall attend a course of elementary surgical and medical training from his lecturers on Surgery and Medicine.

6. Each student shall attend on the days and at the hours fixed by his Clinical Instructors in Surgery and Medicine, and accompany them in the wards or in the out-patients' department, and perform such duties as they may require of him.

At the end of the clinical year, if he has fulfilled these conditions, a certificate shall be signed by his Clinical Instructor in Medicine or Surgery and by the Medical Superintendent, and be countersigned by the Chairman of the Board. If the conditions have not been fulfilled the Clinical Instructor may refuse to sign the certificate, and shall inform the Dean of the Faculty of Dentistry.

The Department of Dentistry.

7. Each student shall be under the direction and control of the Superintendent of the Department, who shall allot him his work and assess its quality.

8. He shall attend daily at the Department of Dentistry during the whole dental clinical year from 9 a.m. till 1 p.m., and from 2 p.m. till 5, except on Saturday afternoons, Sundays, public holidays, or when attending lectures, demonstrations, examinations, &c., prescribed in the dental course.

A second-year student shall not be expected to attend at the Dental Hospital until the date fixed in the Calendar for the commencement of lectures.

He shall sign daily the roll book of attendance for inspection by the Dental Superintendent, to whom any failure to attend or to keep an appointment must be explained, unless previously sanctioned by him.

9. If the student has fulfilled his required number of attendances and his minimum requirements of dental practice, the Superintendent shall sign his certificates of attendance and practical work, and prior to entry for examination these shall be countersigned by the Chairman of the Board, but if he has not fulfilled these requirements the Superintendent may refuse to sign his certificate, and shall inform the Dean of the Faculty of Dentistry.

Approved by Council, 1927.

OF THE DEGREE OF MASTER OF DENTAL SURGERY REGULATIONS

1. Only persons who have been admitted to the degree of Bachelor of Dental Surgery in the University of Adelaide may become candidates for the degree of Master of Dental Surgery.

†2. To qualify for the degree a candidate shall pass an examination as hereinafter prescribed, unless exempted therefrom by virtue of his having submitted a thesis of sufficient merit as provided for under Regulation 8.

†3. The examination for the degree shall consist of two parts. A candidate may present himself for Part I of the examination in any year after his admission to the degree of Bachelor of Dental Surgery, but may not present himself for Part II until at least two years after such admission. Except by special permission of the Faculty, no candidate will be permitted to proceed with Part II until he has completed all of Part I.

4. Part I of the examination shall at the option of the candidate consist of *either* (a) Anatomy, Physiology, and General Pathology and Bacteriology; *or* (b) Physics, Chemistry and Metallurgy.

*5. Part II of the examination shall consist of (a) Advanced Dental Surgery and Pathology, and (b) another section of Dentistry selected by the candidate and approved by the Faculty.

† Amended 8th December, 1949. * Amended 16th December, 1948.

† Amended 11th November, 1954.

6. An examination for the degree shall be held, if required, in November of each year. The examination shall be conducted by means of printed or written papers, *viva voce* questions, practical demonstrations, and work on patients, or by any one or more of those methods as may be determined by the Faculty.

*7. As part of the examination required under Regulations 2 and 5, the candidate shall submit two typed copies of a report on both the subject matter of, and the practical work carried out by him in, that section of Dentistry selected by him under section (b) of Regulation 5.

*8. (a) A candidate may submit an original thesis of his own composition on some branch of Dentistry embodying the result of his independent research and observation. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers.

(b) If the thesis be adjudged to be of sufficient merit by the Faculty, after report by the examiners appointed to adjudicate upon it, the candidate may be exempted from the whole or part of the examination for the degree. When a candidate is exempted, on account of his thesis, from part of the examination, the Faculty shall prescribe the nature and extent of the examination still to be taken.

†9. An intending candidate for the degree shall before the end of January of the year in which he intends to present himself for either part of the examination inform the Faculty in writing of the subjects he has selected for examination and the nature of any research he proposes to undertake.

10. Each candidate shall forward to the Registrar before the first day of August in any year notice of his intention to present himself for the next examination, shall state the group of subjects in which he desires to be examined, and shall submit two printed or typewritten copies of any thesis he may desire to present.

11. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

‡12. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

† Amended 8th December, 1949; further amendment awaiting allowance at time of printing. Allowed 10th December, 1942.

‡ Allowed 18th October, 1956.

* Amended 11th November, 1954.

Schedule of Fees prescribed by the Council under Regulation 12

A. For instruction or laboratory work in any subject or group of subjects: such fees as may be prescribed from time to time by the Council.					
B. On presentation of the thesis	-	-	-	-	£15 15 0
C. On entry for examination in Part I	-	-	-	-	15 15 0
D. On entry for examination in Part II	-	-	-	-	15 15 0
E. On admission to the degree	-	-	-	-	10 10 0

If a candidate is exempted from part of the examination an appropriate adjustment in fees will be made by the Council.

OF THE DEGREE OF DOCTOR OF DENTAL SCIENCE REGULATIONS

1. A candidate for the degree of Doctor of Dental Science shall not be admitted to the degree until the expiration of at least four years from his admission to the degree of Bachelor of Dental Surgery in the University of Adelaide: Provided that, in the case of a graduate in Dentistry of another University who has been admitted *ad eundem gradum* in the University of Adelaide, the period of four years shall be reckoned from the date of his first graduation in Dentistry.

2. Except in special cases approved by the Council only persons who have been admitted to the degree of Master of Dental Surgery may become candidates for the degree of Doctor of Dental Science.

3. To qualify for the degree a candidate shall submit a satisfactory thesis embodying the results of original research or investigation by the candidate on a subject approved by the Faculty of Dentistry. The thesis may be written specially for the degree, or may be an already published work, or may be a series of papers. It shall not be a compilation from books, nor a mere compendium of cases, nor merely observational. The candidate shall indicate in a preface or in a separate statement wherein he considers that it advances dental knowledge or practice, and shall furnish a history of the progress of dental knowledge in the subject of the thesis. A candidate may be required to undergo examination in the subject matter of, or in subjects cognate to, his thesis.

4. The degree shall not be awarded unless in the opinion of the examiners the thesis makes an original and substantial contribution to knowledge in some branch of Dental Science.

5. A candidate shall forward to the Registrar not later than the first day of July in the year in which he desires to be admitted to the degree three printed or typewritten copies of his thesis.

6. On receipt of the reports of the examiners appointed to adjudicate upon the thesis the Faculty of Dentistry will recommend whether the degree be granted or withheld or delayed.

7. A printed or typewritten copy of any thesis approved by the examiners shall be deposited in the library of the University before the candidate is admitted to the degree.

*8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

* Allowed 18th October, 1956.

Allowed 10th December, 1942.

Schedule of Fees prescribed by the Council under Regulation 8

On presentation of the thesis -	-	-	-	-	-	£31 10 0
On admission to the degree -	-	-	-	-	-	10 10 0

DIPLOMA OF ASSOCIATE IN MUSIC REGULATIONS

1. There shall be a diploma of Associate in Music, and examinations for the diploma shall be held during the month of November in each year.

2.^{*}(a) A candidate for admission to the course for the diploma shall have passed in English Literature and in one other subject exclusive of Music at the Leaving Examination and either (i) in Practical at the Sixth Grade, Theory at the Fourth Grade and Musical Perception at the Fourth Grade of the examinations conducted by the Australian Music Examinations Board; or (ii) in a special entrance examination in Music of standard equivalent to the Grade Examinations specified above.

(b) A candidate who produces evidence of having passed an equivalent examination in this or in any other University recognised by this University may be exempted by the Council from the requirements of this regulation.

3.†(a) To qualify for the diploma a candidate shall complete three academic years of study, not necessarily consecutive, at the University in one of the under-mentioned principal subjects, together with such other subjects as are specified in the schedules, and shall pass the examination proper to each year:

(i) Pianoforte Playing; (ii) Singing; (iii) Violin Playing; (iv) Violoncello Playing; (v) Organ Playing; (vi) the playing of any other instrument approved by the Faculty of Music.

(b) A candidate who fails in one or two subjects only of an annual examination may at the discretion of the Faculty of Music be permitted to present himself for a supplementary examination in the subject or subjects concerned in March of the following year, and if he satisfies the Faculty of Music in such supplementary examination shall be deemed to have completed the whole annual examination.

(c) A candidate who passes in some portion only of an annual examination may be granted such credit as the Faculty of Music shall in each case determine.

(d) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

†(e) A candidate who has completed equivalent work at the examinations conducted by the Australian Music Examinations Board or in some other school of music or at some other examination approved by the University of Adelaide may be granted such status in the course

* Allowed 20th December, 1956

† Allowed 14th December, 1950.

‡ Amended 9th January, 1958.

for the diploma as the Faculty of Music shall in each case determine; provided that every candidate for the diploma shall, before receiving the diploma, complete three years of study at the University in an approved principal subject.

4. Except as allowed by the Council, in case of illness or other sufficient cause, no student shall be permitted to present himself for any annual examination unless he has attended in each of the four Conservatorium quarters up to the time of the annual examination not fewer than three-fourths of the lessons given in his principal subject and has attended classes regularly, and has performed any work prescribed to the satisfaction of the lecturers and teachers concerned in the other subjects of the year's work.

*5. (a) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

(b) A candidate who fails to pass in any annual examination shall again attend lectures and do practical work in the work of that year to the satisfaction of the professors and lecturers concerned unless exempted therefrom by the Faculty of Music.

*6. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

7. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who has fulfilled the conditions prescribed for the diploma shall be awarded the diploma, shall be styled an Associate of the University of Adelaide, and shall be entitled to use the letters A.U.A.

* Allowed 20th December, 1956.

Allowed 16th December, 1948.

SCHEDULES

1. Schedule of Examinations made by the Council under Regulation 7.

1. At the First Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study I (671)
2. Second Practical Study I (671)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

OR (b) Operatic Singing

1. Chief Practical Study I (671)
2. Drama I (708)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Modern Languages I (703)
8. Speech Training I (691)

C. School Music**1. Chief Practical Study I.**

(This chief study should be Pianoforte, but in the event of another study, such as singing, or a stringed or wood-wind instrument being chosen, the student shall show that in each of the years a satisfactory standard of pianoforte playing has been reached.)

2. Scope of School Music I (695)
3. Harmony I (711)
4. History of Music I (726)
5. Form (731)
6. Practical Tests I (741)
7. Principles of Class Music Teaching I (700)

2. At the Second Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study II (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Ensemble Playing I (706)
8. Accompanying (for students whose chief practical study is Piano-forte) (747)

B. Vocal School**(a) Concert Singing**

1. Chief Practical Study II (672)
2. Second Practical Study II (672)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

OR (b) Operatic Singing

1. Chief Practical Study II (672)
2. Drama II (709)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Modern Languages II (704)
8. Speech Training II (692)

C. School Music

1. Chief Practical Study II (672)
2. Scope of School Music II (696)
3. Harmony II (712)
4. Counterpoint I (717)
5. History of Music II (727)
6. Practical Tests II (742)
7. Principles of Class Music Teaching II (701)
8. Ensemble Playing I (706)

3. After passing the Second Examination a candidate may, with the approval of the Faculty of Music, elect to proceed either as an executant or as a teacher of the principal subject of his course.

4. At the Third Examination a candidate shall satisfy the examiners in each subject of one of the following schools:

A. Instrumental School

1. Chief Practical Study III (673)
2. Second Practical Study III (673)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Music Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

B. Vocal School

(a) Concert Singing

1. Chief Practical Study III (673)
2. Second Practical Study III (673)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

OR (b) Operatic Singing

1. Chief Practical Study III (673)
2. Drama III (710)
3. Modern Languages III (705)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Concerto (694)

and for candidates who elect to be examined as teachers:

8. Methods of Teaching (748)

C. School Music

1. Chief Practical Study III (673)
2. The Scope of School Music III (697)
3. Ensemble Playing II (707)
4. Practical Tests III (743)
5. Musical Criticism and Aesthetics (738)
6. Literature of Music (730)
7. Principles of Class Music Teaching III (702)

Unless his Chief or Second Practical Study be pianoforte playing a candidate shall also play on the pianoforte to the satisfaction of the examiners two pieces from a list published each year, and scales and arpeggios in forms defined by schedule.

5. Candidates who have completed subjects for the diploma prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 7.

A. For the Entrance Examination in Music, if required	£2	2	0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	63	0	0
C. For a supplementary examination in any subject of a year's work - - - - -	5	5	0
D. For the diploma - - - - -	5	5	0

OF THE FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

REGULATIONS

1. There shall be a Fellowship of the Elder Conservatorium of Music.

2. The Fellowship may be awarded either by examination or in exceptional cases of distinguished merit by the Council on the unanimous recommendation of a formally constituted meeting of the Faculty of Music.

3. A candidate for the Fellowship by examination shall be an Associate in Music of the University of Adelaide of at least two years' standing and must, in the opinion of the Elder Professor of Music, be of outstanding ability as a solo performer. To qualify for the Fellowship such a candidate shall satisfy the examiners in a special examination in which the emphasis shall be laid on fine performance.

4. Schedules defining the scope of the examination and the fees to be paid by candidates shall be drawn up by the Faculty of Music and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine.

Schedule of Examinations and Fees made by the Council.

1. The examination for the Fellowship shall comprise:—

- (a) Three recitals, each to be given before an audience and each to occupy not less than one hour in performance;
- (b) Performance with an orchestra of a concerto;
- (c) Performance of two major works of chamber music.

Provided that a candidate in singing will be required to perform scenes and arias with orchestra chosen from at least two operas or oratorios, and to show that a complete study of a major role has been made in each of the operas or oratorios, in lieu of the concerto and chamber music prescribed under (b) and (c) above.

The whole examination shall be completed within a period of two calendar months.

2. The programme for the whole examination shall be representative of various schools and periods and shall be submitted to the Elder Professor of Music for approval at least two months before the examination begins.

3. The fee for examination shall be £21/-/-.

4. The fee for the Fellowship shall be £10/10/-.

OF THE DEGREE OF BACHELOR OF MUSIC
REGULATIONS

1. There shall be an Honours degree and an Ordinary degree of Bachelor of Music. A candidate may obtain either degree, or both.

*2. To qualify for the Ordinary degree a candidate shall:—

- (a) complete three academical years of study as prescribed in Schedule I and pass the examination proper to each year;
- (b) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts.

3. To qualify for the Honours degree a candidate shall:—

- (a) satisfy the Faculty of Music at the end of the first year of the course for the Ordinary degree of his fitness to follow the course for the Honours degree;
- (b) pass the succeeding examinations specified for the Ordinary degree at a higher standard than that required for the Ordinary degree;
- (c) at some time during his course regularly attend lectures and pass the examination in one subject of first-year standard prescribed for the degree of Bachelor of Arts;
- *(d) at the Final Examination submit exercise or thesis as the Faculty of Music shall in each case determine or approve;
- (e) satisfy the examiners that he has an adequate reading knowledge of French, German or Italian.

The names of candidates who qualify for the Honours degree shall be published in alphabetical order within the following classes:

First Class,
Second Class.

A candidate who fails to obtain Honours may be awarded the Ordinary degree provided that he has in all other respects completed the course for the Honours degree.

†4. (a) To complete an academical year of study a candidate shall, unless exempted by the Council, regularly attend the course of lectures in all of the subjects specified for the examination in that year, but the separate courses of lectures need not all be attended in one and the same year, nor need the examination in all the subjects of a year be passed at the same time.

* Amended 9th January, 1958.

† Allowed 20th December, 1956.

(b) Except by permission of the Faculty of Music, a candidate shall not proceed to the second or third year's work, or to any part thereof, until he has completed the whole of the work of the preceding year.

5. The examination in any subject may be written or oral or both.

*6. There shall be three classifications of pass at each annual examination as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who pass with Distinction or with Credit shall be arranged in order of merit within the classification, and the names of other candidates who pass shall be arranged in alphabetical order: provided that a candidate who sits for a supplementary or special examination in any subject or group of subjects of any annual examination shall not be classified at that annual examination.

7. A candidate who, on account of illness or other sufficient cause allowed by the Faculty, has been prevented from attending the whole or part of any annual examination may be permitted by the Faculty of Music to present himself for a supplementary examination in the following March.

8. A candidate who has presented himself at an annual examination, but has failed to pass, may, if recommended by the Board of Examiners, be permitted by the Faculty to present himself for a supplementary examination. When determining the results of the annual examinations, the Board of Examiners shall recommend to the Faculty in every case whether a candidate who fails should be permitted to present himself for a supplementary examination.

9. A candidate shall not be re-examined at a supplementary examination in any subject in which he has passed at the annual examination in the previous year, and, on passing the supplementary examination in the subject or subjects in which he has failed to present himself or to pass at the annual examination, he shall be deemed to have completed the academic year of his course, but no classification shall be allowed.

10. A candidate who has passed equivalent examinations elsewhere and desires that such examinations be counted *pro tanto* for the degree of Bachelor of Music, may, on application, be granted such exemption from the requirements of these regulations as the Council shall determine.

*Allowed 22nd December, 1955.

*11. A candidate who has satisfied the requirements of section (a) of Regulation 2 and has passed the theoretical subjects of the Second Examination for the diploma of Associate in Music shall be granted the status of a student qualified to enter upon the second year of the course for the degree of Bachelor of Music; but such a candidate will be required to take concurrently with his second-year work the instruction and examination in any theoretical subjects prescribed for the first year of the course for the degree of Bachelor of Music which are additional to those required in the course for the diploma of Associate in Music.

12. Schedules defining the course of study, including lectures, practical work, and examinations, and the fees to be paid by candidates, shall be drawn up by the Faculty of Music and be submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine. The schedules shall be published as soon as practicable after that approval has been given.

* Amended 9th January, 1958.

Allowed 8th December, 1949; amendment awaiting allowance at time of printing.

I. Schedule of Examinations made by the Council under Regulation 12.

1. At the First Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony II (712);
- (b) Counterpoint I (717);
- (c) History of Music II (727);
- (d) Form (731);
- (e) Acoustics (746);

and in addition shall satisfy the examiners in:—

Practical Tests II (742).

Further, he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September an original composition, either instrumental or vocal, in a form to be approved by the Dean.

2. At the Second Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony III (713);
- (b) Counterpoint II (718);
- (c) History of Music III (728);
- (d) Orchestration I (735);
- (e) Musical Criticism and Aesthetics (738);
- (f) Essay I (739);

and in addition shall satisfy the examiners in:—

Practical Tests III (743).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be instrumental and the other vocal (not necessarily solo writing), in a form to be approved by the Dean.

3. At the Third Examination a candidate for the Ordinary degree shall satisfy the examiners in each of the following subjects:—

- (a) Harmony IV (714);
- (b) Counterpoint III (719);
- (c) Canon and Fugue (722);
- (d) History of Music IV (729);
- (e) Orchestration II (736);
- (f) Essay II (740);

and in addition shall satisfy the examiners in:—

Practical Tests IV (744).

Further he shall lodge with the Dean of the Faculty of Music before the thirtieth day of September two original compositions, one of which shall be a fugue.

4. A candidate for the Honours degree shall, after qualifying for the Ordinary degree, submit either:

- (a) a composition which shall be either a major work or an approved group of works;
- or (b) a satisfactory thesis on a subject approved by the Faculty of Music, and shall, if required, adduce sufficient evidence that the thesis is his own work;
- or (c) satisfy examiners, by means approved by the Faculty in each individual case, that he has completed a course of advanced study in work approved by the Faculty.

In the case of a candidate who elects to submit a composition work submitted must reveal a competent knowledge of design and of the development of thematic material, facility in harmony and counterpoint, and (if for chorus and orchestra) sound choral and orchestral technique, with evidence of advanced contrapuntal writing but not necessarily of formal fugue.

No exercise shall be regarded as sufficient solely on the ground that it is free from technical errors.

The candidate shall make a written declaration that the exercise is entirely his own unaided composition. Such exercise must reach the Registrar before the thirtieth day of September in the year in which the candidate wishes to qualify for his degree. Except by special consent of the examiners, no exercise which has been rejected shall be used either wholly or partly on any subsequent occasion. After the exercise has been approved by the examiners the candidate shall lodge either the original or a fair and complete copy in the University Library.

5. Candidates who have completed subjects for the degree prior to 1958 may continue under the Schedules for 1957, with such modifications (if any) as shall be prescribed by the Dean, provided that a candidate shall not lose credit for a subject already completed.

II. Schedule of Fees made by the Council under Regulation 12.

A. For the entrance examination in the Theory of Music, if required	- - - - -	£2 2 0
B. For each year's work and examination	- - -	42 0 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree	- - -	10 10 0
D. For a supplementary examination in any subject of a year's work	- - - - -	5 5 0
E. For admission to the degree	- - - - -	5 5 0
F. For any subject of a year's work taken separately	-	8 8 0

OF THE DEGREE OF DOCTOR OF MUSIC REGULATIONS

1. A Bachelor of Music may proceed to the degree of Doctor of Music by complying with the following Regulations, but shall not be admitted to the degree until the expiration of the third academic year from his admission as a Bachelor of Music.

*2. Every candidate shall send to the Registrar of the University, on or before the first day of April, an exercise composed for the occasion. The exercise must be legibly written (and the pages numbered), and must be accompanied by a written declaration, signed by the candidate, that the work is his own unaided composition, and must comply with the following conditions:—

- (a) It must be a composition for solo-voices and chorus, and may be on either a sacred or secular subject.
- (b) It must have an accompaniment for full Orchestra, and must occupy about forty minutes in performance.
- (c) It must have an instrumental Overture, or Interlude, in the form of the first movement of a Symphony or Sonata.
- (d) It must contain some specimens of Canon and Fugue, and also one or more movements written in real eight-part harmony.

3. After the exercise has been approved by the examiners, and before taking his degree, the candidate shall deposit a complete copy of the exercise in the University Library.

• Allowed 10th December, 1919.

4. Candidates whose exercises have been approved shall be required to pass a Final Examination in

- (1) Harmony, up to eight parts;
- (2) Counterpoint, up to eight parts;
- (3) Double Counterpoint, } up to five parts;
Canon, and Fugue, }
- (4) Instrumentation;
- (5) History of Music;
- (6) Musical Analysis.

†5. The above examination shall be held, when required, in the month of November.

6. The names of the successful candidates at each examination shall be arranged in alphabetical order.

‡7. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

‡Allowed 18th October, 1956.

†Allowed 10th August, 1916.

Allowed 12th December, 1907.

Schedule of Fees prescribed by the Council under Regulation 7

On presentation of the exercise	-	-	-	-	-	£15	15	0
On entering for the Final Examination	-	-	-	-	-	15	15	0
On admission to the degree	-	-	-	-	-	10	10	0

OF THE DIPLOMA IN PUBLIC ADMINISTRATION REGULATIONS

1. There shall be a diploma in Public Administration.

2. For admission to the course for the diploma a candidate shall have passed in four subjects, including English, at the Leaving Examination; and if Arithmetic or Mathematics I or Mathematics II is not also included, Mathematics (two subjects) must have been passed at the Intermediate Examination.

3. To qualify for the diploma a candidate shall (a) attend courses of lectures and pass examinations in the subjects set out in Schedule I made by the Council and (b) have performed at least three years' satisfactory service as an adult officer of a public service department in South Australia or in another public organization or enterprise approved by the Faculty; provided that for this purpose each completed two years' service as a junior officer shall be accepted as equivalent to one year of adult service.

4. The regulations of the degree of Bachelor of Economics shall, *mutatis mutandis*, be applicable to studies for the diploma insofar as they are not repugnant to any condition or requirement specified in these regulations.

5. A candidate who has fulfilled the conditions of these regulations shall be entitled to receive the diploma, to style himself an Associate of the University, and to use the letters A.U.A.

6. A graduate in the Faculty of Economics shall not be eligible to qualify also for the diploma and not more than two subjects presented for any other degree or diploma may be presented for the Diploma also.

7. Any holder of the diploma who subsequently proceeds to the degree of Bachelor of Economics may count towards that degree subjects which he has already presented for the diploma provided:

- (a) that he fulfils the requirements for the degree in all respects, and
- (b) that he surrenders his diploma before being admitted to the degree.

Allowed 22nd January, 1953.

Schedule I: Courses of Study

1. The subjects which a candidate for the Diploma shall complete are:

Politics I (61) and Politics IIB (63);
 Social Economics (150) *or* Economics I (151) with the approval of the Dean;
 Public Finance (169);

and three of the following subjects, of which at least one shall be a third-year subject:

Economics II, III;
 Economic Statistics I, II;
 Economic Development I *or* History IIB;
 Economic Geography *or* Geography I;
 Elements of Accounting, Management Accounting, Financial Accounting;
 Commercial Law A, B;
 History IIA, III;
 Politics IIA, IIIA, IIIB;
 Geography II, III;
 Psychology IIA, IIB, IIIA, IIIB;
 Any other first-year Arts subjects listed for the Ordinary degree except for the Science subjects;

provided that a candidate presenting Economics III shall not be required to present Public Finance.

2. Courses of study must be approved by the Dean of the Faculty of Economics (or his nominee) at enrolment each year.

3. Candidates who have completed subjects for the diploma prior to 1959 may continue under the Schedules then in force, with such modifications (if any) as shall be prescribed by the Dean of the Faculty of Economics, provided that a candidate shall not lose credit for a subject already completed.

Note: For the purpose of this Schedule a pass in the subject Political Science in or prior to 1954 will count as a pass in Politics II, and a pass in the subject Public Administration in or prior to 1954 will count as a pass in Politics IIIA.

Schedule II: Fees

- | | |
|---|--------|
| A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics. | |
| B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - - | £5 5 0 |
| C. For a supplementary examination in Public Finance - - - - - | 2 12 6 |
| D. For the diploma - - - - - | 5 5 0 |

OF THE DIPLOMA IN PHARMACY REGULATIONS

††1. There shall be a Diploma in Pharmacy which shall be awarded to candidates who fulfil the requirements prescribed by the Council. Before entering on the course for the Diploma every candidate must have passed such Preliminary Examination as shall be approved by the Board of Studies in Pharmacy.

•• 2. To obtain the Diploma in Pharmacy candidates shall

- (a) Attend courses of instruction and pass examinations in the following subjects: Inorganic Chemistry (751, 752, and 753); Pharmacy I (754 and 755); Organic Chemistry (761 and 762); Biology (763); Botany and Pharmacognosy (771); Pharmacy II (772, 773 and 774); Pharmacy III (781, 782 and 783); and Pharmacy IV (791, 792, 793, 794 and 795).

††(b) Produce evidence of having fulfilled the conditions of practical experience required by the Board of Studies in Pharmacy.

†3. Schedules defining the courses of study in the subjects prescribed, and the fees payable to the University, shall be drawn up from time to time by the Board of Studies in Pharmacy and be approved by the Council.

††4. Before enrolling for the course of study in each year and upon entering for any examination every candidate shall satisfy the Board of Studies in Pharmacy that he is eligible to do so.

††5. The examinations shall be conducted by a Board of Examiners appointed by the Council on the recommendation of the Board of Studies in Pharmacy.

† Allowed 23rd January, 1947.

†† Allowed 22nd December, 1955.

•• Allowed 11th November, 1954.

‡A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work, where required, to the satisfaction of the professors and lecturers concerned.

Candidates who fail to present themselves for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

*5a. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Chairman of the Board of Studies in Pharmacy.†† If he fails a third time he may not proceed with the subject again except by special permission of the Board and under such conditions as the Board may prescribe.

6. Candidates who fulfil the conditions shall be awarded the Diploma, shall be styled Associates of the University, and shall be entitled to use the letters A.U.A.

†Fee for the Diploma, £5/5/-.

7. Nothing in these regulations shall be held to bind the Council to provide any or all of the courses in any year if for any reason the Council decides to suspend them.

† Allowed 18th October, 1956.

† Allowed 20th December, 1956.

* Allowed 10th December, 1936.

†† Allowed 22nd December, 1955.

Allowed 7th December, 1932.

OF THE DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION REGULATIONS

1. There shall be a diploma in Physical Education.

**2. A candidate for admission to the course for the diploma shall:

- (a) have matriculated in one of the Faculties of Arts, Science, Medicine and Dentistry, or have passed the Leaving Examination in five subjects, including English.
- (b) have passed the medical and physical examinations prescribed by the Council.

3. To qualify for the diploma a candidate shall:

- (a) complete the equivalent of one year's work in one of the Faculties named in paragraph (a) of Regulation 2;
- (b) attend classes regularly for a period of not less than two years and pass examinations as prescribed in the schedules;
- (c) satisfactorily complete a course of practical teaching in such schools and under such supervision as may be approved by the Council.

**Allowed 11th November, 1954.

Except by permission of the Board of Studies in Physical Education a candidate shall complete or substantially complete the work prescribed in paragraph (a) before entering upon the work of paragraph (b).

4. A candidate who has passed the medical and physical examinations prescribed, may at the discretion of the Council be granted a certificate upon his completing the courses of study and passing the examinations prescribed under Regulation 3 (b).

5. A candidate may be granted such exemption from attendance at lectures and from practical work as the Council may approve.

6. A candidate who desires that the examinations he has passed elsewhere, and the practical work he has done, should be counted *pro tanto* for the Diploma in Physical Education, may be granted such exemption from the requirements of these regulations as the Council shall determine.

7. Schedules defining the course of study, including lectures, practical work and examinations and the fees to be paid by candidates, shall be drawn up by the Board of Studies in Physical Education, and submitted to, and approved by, the Council.

Such schedules shall become effective as from the date of approval by the Council, or such other date as the Council may decide. The schedules shall be published as soon as practicable after that approval has been given.

8. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 16th December, 1948.

Schedules made by the Council under Regulation 7.

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3 (b): £105 payable in two annual instalments of £52/10/- each.
- C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.
- D. For subjects taken separately:

Second-year Course:

Human Biology A (801)	-	-	-	-	-	£10	10	0
Hygiene (804)	-	-	-	-	-	5	5	0
Body Mechanics (806)	-	-	-	-	-	5	5	0
First Aid (809)	-	-	-	-	-	1	1	0
Practice of Physical Education (811)	-	-	-	-	-	10	10	0
History of Education (813)	-	-	-	-	-	5	5	0
Practical Work, Part I (816)	-	-	-	-	-	21	0	0

Third-year Course:

Human Physiology (802)	-	-	-	-	£10	10	0
Human Nutrition (807)	-	-	-	-	5	5	0
Clinical Observation and Remedial Work (808)					5	5	0
Principles of Physical Education (812)	-	-			10	10	0
Physical Psychology (814)	-	-	-	-	5	5	0
Practical Work, Part II (816)	-	-	-	-	21	0	0
E. For each section of either part of the Practical Work					4	4	0
F. For the course in Practical Teaching	-	-	-	-	5	5	0
G. For a supplementary examination in any subject	-				5	5	0
H. For the Diploma	-	-	-	-	5	5	0

FREE PLACES IN PHYSICAL EDUCATION

RULES

1. The Council may award each year four free places in Physical Education.

2. Each award will entitle its holder to exemption from the payment of fees for all subjects prescribed under Regulation 3 (b) of the Diploma, and in addition from payment of the fee for medical and physical examinations and the fee for the diploma, provided that the subjects entered for each year are approved and that the work is carried out to the satisfaction of the Council.

3. Applications for free places should be lodged with the Registrar not later than December 1 of each year. Each application should include particulars of the applicant's age, educational qualifications, health and sporting activities, present occupation and earnings, and his proposed programme of study.

4. The Board of Studies in Physical Education shall consider the applications and submit recommendations to the Council.

OF THE DIPLOMA IN SOCIAL STUDIES

REGULATIONS

1. There shall be a Diploma in Social Studies.

2. A candidate for admission to the course for the diploma shall:

- (a) be not less than 19 years of age;
- (b) i. be a graduate, or
 - ii. be matriculated or hold the Leaving Certificate, or
 - iii. being over the age of twenty-five years have satisfied the Council of his being competent to proceed to the Diploma;
- (c) present a medical certificate of health;
- (d) have been approved by the Council as a suitable person to undertake social work.

3. To qualify for the diploma a candidate shall:

- (a) regularly attend lectures, do such written or practical work as may be prescribed by the lecturers, and satisfy

the examiners in the subjects listed in Schedule I prescribed by the Council; and

- (b) satisfactorily complete a course of field work under supervision approved by the Council.

The course of study and field work shall extend over three years; provided that for graduates in Arts or Economics it shall extend over two years.

4. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that field work which he has done elsewhere, be counted *pro tanto* for the Diploma in Social Studies may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

5. Schedules defining the subjects of study and the fees shall be drawn up from time to time, and when approved by the Council shall be published as early as possible in each year.

6. A candidate who fulfils the conditions shall be awarded the diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

Allowed 20th December, 1956.

Schedule I: Subjects

The subjects prescribed under Section (a) of Regulation 3 are:

First Year:

Human Biology B (833) *or* Biology (269);
Psychology I (81);
Economics I (151) *or* Social Economics (150);
Social Work I (836).

Second Year:

Psychology IIB (83);
Physiology (843) *or* Human Nutrition (844);
Social History (51) *or* History IIB (55) *or* Politics I (61);
Social Work II (846).

Third Year:

Social Organisation (851);
Sociology (852);
Social Work III (856).

Provided that candidates who by December 31, 1956, had passed in at least one subject in the course for the Diploma in Social Science under the regulations and schedules in force in 1956 may complete their courses for that Diploma under those regulations and schedules provided that they do so by December 31, 1960, or such later date as the Board in special cases may determine.

Provided further that candidates who obtained the Diploma in Social Science and subsequently completed the additional work required for the Diploma in Social Studies may, on surrender of the former, be issued with the latter.

Note.—The subjects in this schedule are set out in years for the guidance of full-time students, and it is recommended that they be taken in the order shown. Provided, however, that the pre-requisite

subjects where prescribed are first completed, a candidate may take subjects in an order different from that recommended. All candidates are advised to consult the Head of the Department of Social Studies before enrolment each year.

Schedule II: Fees

- A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.
- B. For attendance (or re-attendance) at lectures and examination:
- | | | | | | | | | |
|------------------------|---|---|---|---|---|----|----|---|
| In Social Organisation | - | - | - | - | - | £5 | 5 | 0 |
| In Human Nutrition | - | - | - | - | - | 5 | 5 | 0 |
| In Social Work III | - | - | - | - | - | 21 | 0 | 0 |
| In each other subject | - | - | - | - | - | 10 | 10 | 0 |
- C. For the Diploma - - - - - 5 5 0

OF THE DIPLOMA IN PHYSIOTHERAPY REGULATIONS

1. There shall be a Diploma in Physiotherapy.
2. A candidate for admission to the course for the Diploma shall
 - (a) be not less than eighteen years of age;
 - †(b) have passed in at least four subjects at the Leaving Examination, including English and at least two of Physics, Mathematics I, Chemistry and Physiology; if Physics and Physiology be not included, these subjects or General Science (two subjects must have been passed at the Intermediate Examination);
 - (c) present a medical certificate approved by the Council.
3. To obtain the Diploma a candidate shall attend regularly courses of lectures and practical work and pass the examinations proper to each year before commencing the course of study and practice for the following year.
4. The course shall extend over three years and schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates shall be drawn up by the Board of Studies in Physiotherapy and be submitted to and approved by the Council.

Such schedule shall become effective as from the date of such approval by the Council or such other date as the Council may determine. The schedule shall be published in the next University Calendar which is issued after that approval has been given.

† Allowed 17th January, 1952.

5. A candidate who entered upon the course for the Diploma awarded by the Australian Physiotherapy Association may be granted such status as the Council shall determine in the course for the Diploma provided for in these regulations.

6. At the First Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy I (including Histology) (861).
- (2) Physiology (862).
- (3) Physics (including the Physics of Medical Electricity) (863).
- (4) Theory of Massage and Manipulation (864).
- * (5) Social Psychology (866).

*7. At the Second Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Anatomy II (including Histology) (871).
- † (2) Theory of Treatments and Practice of Massage (872).
- (3) Theory of Movement (873).
- (4) Theory of Medical Electricity (875).
- (5) Pathology (874).

8. At the Third Examination the candidate shall satisfy the examiners in each of the following subjects:

- (1) Practice of Massage (876).
- (2) Practice of Remedial Exercises (876).
- (3) Practice of Medical Electricity (875).
- (4) Theory and Practice of Muscle Re-education (881).
- ‡ (5) Theory and Practice of Specialised Treatments (882).

9. A candidate who desires that examinations which he has passed *in pari materia* in any Faculty or otherwise, or that practical work which he has done elsewhere, be counted *pro tanto* for the Diploma in Physiotherapy may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

10. A candidate who fails to present himself for examination or to pass the examination in any subject shall again attend the lectures and do the practical work in that subject unless exempted by the Council.

11. A candidate who fulfils the conditions shall be awarded the Diploma, shall be styled an Associate of the University, and shall be entitled to use the letters A.U.A.

* Allowed 10th January, 1946. † Allowed 8th December, 1949.

Allowed 9th August, 1945.

Schedule of Fees made under Regulation 4.

A. For each year's work, including one annual examination	-	-	-	-	-	-	-	-	£ 63	0	0
B. For a supplementary examination in any subject	-	-	-	-	-	-	-	-	5	5	0
C. For the Diploma	-	-	-	-	-	-	-	-	5	5	0

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

OF THE DEGREE OF BACHELOR OF ARCHITECTURE REGULATIONS.

1. There shall be an Ordinary and an Honours degree of Bachelor of Architecture.

2. Schedules defining the courses of study, including lectures and the practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty and submitted to the Council.

Such schedules shall become effective as from the date of approval by the Council or such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

3. (a) To qualify for the Ordinary degree of Bachelor of Architecture a candidate shall regularly attend lectures and do written and practical work (where such is required) and pass examinations in the subjects prescribed.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

4. (a) A candidate who has completed the work of the third year and who wishes to proceed to the Honours degree must apply to the Faculty, on or before March 1 of the year in which he intends to take the Honours course, for permission to do so.

(b) Before granting such permission the Faculty will take into consideration the candidate's work up to the time of his application.

(c) To qualify for the Honours degree a candidate shall complete the full course prescribed for the Ordinary degree and shall in addition undertake further work of an advanced nature and pass examinations in such work. Further, he must pass in the subjects which he takes after his acceptance as an Honours student at a higher standard than is required from candidates for the Ordinary degree.

(d) The names of candidates who pass with Honours shall be arranged alphabetically in two classes. A candidate who fails to obtain first or second class Honours may be awarded the Ordinary degree provided he has in all other respects completed the work for that degree.

(e) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty as appropriate to his course.

5. Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work as prescribed in the syllabus for that subject.

6. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who Pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who Pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty. Any such exemptions granted will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

7. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or practical work in a subject unless he has attended the lectures and practical work respectively in that subject to the satisfaction of the lecturer concerned.

8. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

9. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

10. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Architecture may on application be granted such exemption from the requirements of these regulations as the Council shall determine.

11. A candidate who had matriculated in the Faculty of Engineering and had entered upon the course for the degree of Bachelor of Engineering in Architectural Engineering in or before the year 1957 may complete the course for that degree in accordance with the regulations and schedules governing it in 1957, or with such modifications as the Council may from time to time approve, provided that he does so by December 31, 1965.

Allowed 9th January, 1958.

OF THE DEGREE OF BACHELOR OF ARCHITECTURE
SCHEDULES MADE BY THE COUNCIL UNDER REGULATION 2

1. During the first, second, third, fourth and fifth years every candidate shall, unless exempted therefrom, attend courses of instruction and at the annual examination for the appropriate year shall satisfy the examiners in each of the following subjects:

(a) First Year:

Building Construction I (901);
Mathematics (902);
Building Science I (903);
History of Architecture I (904);
Architectural Design and Planning I (905);
Architectural and Free Drawing (906);
Studio work I (907).

(b) Second Year:

Building Construction II (911);
Structures I (912);
Building Science II (913);
History of Architecture II (914);
Architectural Design and Planning II (915);
Studio work II (916).

(c) Third Year:

Building Construction III (921);
Structures II (922);
Building Science III (923);
Surveying (925);
Architectural Design and Planning III (926);
Studio work III (927);
Professional Practice I (924).

(d) Fourth Year:

Building Construction IV (931);
Structures III (932);
Building Science IV (933);
Professional Practice II (934);
Town and Country Planning and Civic Design (935);
Studio work IV (936).

(e) Fifth Year:

Structures IV (941);
Building Science V (942);
Professional Practice III (943);
Studio work V and Thesis (945 and 946).

2. Except by permission of the Faculty, a candidate shall not proceed to any part of the work of the second or a subsequent year unless he has completed the whole of the work of, and passed the examination proper to, the preceding year or years. At the discretion of the Board of Examiners a candidate who fails to satisfy the examiners in not more than two subjects at an annual examination may be permitted to present himself for a supplementary examination in the subject or subjects concerned; and if he satisfies the examiners in the supplementary examination he shall then be deemed to have passed the whole examination.

3. (a) During the fourth year every candidate will be required to obtain at least six months' practical experience satisfactory to the Faculty in an architectural office approved for the purpose by the Faculty.

(b) Such practical experience may form part of the twelve months' practical experience required under Regulation 3(b) or 4(e).

(c) Students attending National Service or Commonwealth Military Force training may be permitted to count such training, up to a maximum period of three months, as part of their required practical experience.

4. Matriculated students in the course for the degree of Bachelor of Engineering who completed subjects for that degree prior to 1958, may transfer to the course for the degree of Bachelor of Architecture, and shall be granted such status as may in each case be determined.

5. Courses of study must be approved by the Dean of the Faculty (or his nominee) at enrolment each year.

6. Fees.

A. For the Ordinary Degree:

- | | |
|---|---------|
| (1) For each year's work, including one annual examination | £63 0 0 |
| (The annual fee will include the fee payable for a subject taken at the S.A. School of Mines and Industries.) | |
| (2) For a supplementary or special examination (theoretical or practical or both) in any subject | 5 5 0 |
| (3) For subjects taken separately: £10 10 0 each up to a maximum of the annual fee of £63 for the full year's course. | |

B. For the Honours Degree:

For the additional Honours work and examination	21 0 0
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OF THE DEGREE OF MASTER OF ARCHITECTURE REGULATIONS

1. There shall be a degree of Master of Architecture.

2. A candidate for the degree shall either:

- (a) have been admitted to the degree of Bachelor of Architecture in the University of Adelaide or to another degree in the University of Adelaide accepted by the Faculty of Architecture and Town Planning as equivalent thereto; or

- (b) have been admitted to a degree in another university accepted by the Council on the recommendation of the Faculty of Architecture and Town Planning as equivalent to the degree of Bachelor of Architecture in the University of Adelaide.
3. A candidate may proceed to the degree of Master of Architecture in accordance with the provisions of either Regulation 4 or Regulation 5.
4. To qualify for the degree under this Regulation a candidate shall:
- (a) under the direction of a supervisor or supervisors appointed by the Faculty pursue for at least one calendar year a course of advanced study and either concurrently or subsequently carry out original research on a subject approved by the Faculty;
 - (b) if so required by the Head of the Department concerned pass an examination on his course of advanced study;
 - (c) present a satisfactory thesis embodying the results of his original research; and
 - (d) if so required by the examiners of his thesis, pass an examination, which may be written or oral or both, on the subject-matter of his thesis and subjects cognate thereto.
5. To qualify for the degree under this Regulation a candidate shall:
- (a) present a satisfactory thesis which shall be an account of some original enquiry or investigation made by him into some architectural matter;
 - (b) if so required by the examiners of his thesis, adduce sufficient evidence of the originality of his thesis; and
 - (c) if so required by the examiners of his thesis, pass an examination in that branch of work from which the subject of the thesis is taken.
6. Every candidate shall submit for approval of the Faculty of Architecture and Town Planning, at least nine months before the date on which he expects to submit his thesis for examination, the subject of his advanced study and original research under Regulation 4 or of his thesis under Regulation 5.
7. On completing his work a candidate shall lodge with the Registrar three copies of his thesis conforming in style with specifications to be obtained from the Librarian. The Faculty will then nominate examiners, who may recommend that the thesis—
- (a) be accepted; or
 - (b) be sent back to the candidate for revision; or
 - (c) be rejected.
8. The fees to be paid by candidates shall be prescribed from time to time by the Council. The schedule of fees so prescribed shall be published in the University Calendar.

Awaiting allowance at time of printing.

SCHEDULE OF FEES PRESCRIBED BY THE COUNCIL UNDER REGULATION 8

For work under the direction of a supervisor (if required or undertaken)	-	-	-	-	-	£26	5	0
On presentation or re-presentation of the thesis	-	-	-	-	-	10	10	0
On entry for any examination required	-	-	-	-	-	10	10	0
On admission to the degree	-	-	-	-	-	10	10	0

OF THE DEGREE OF DOCTOR OF PHILOSOPHY REGULATIONS

I. GENERAL

1. There shall be a degree of Doctor of Philosophy.

*2. There shall be a Board of Research Studies, comprising three members of the Faculty of Science, two members of the Faculty of Agricultural Science, two members of the Faculty of Engineering, two members of the Faculty of Arts, and two members of the Faculty of Medicine, which shall control the enrolments, courses of study, research and examinations of candidates for the degree. All members shall be elected by the appropriate Faculties for three years.

3. The Board of Research Studies shall elect one of its members as Chairman.

4. In these regulations "the Board" means "the Board of Research Studies."

5. In these regulations "course" means "course of study and research."

6. Schedules specifying the eligibility for candidature, the nature and extent of the work to be completed and fees to be paid by candidates for the degree may be drawn up from time to time by the Board and submitted to the Council. Such schedules shall become effective as from the date of approval by the Council or on such other date as the Council may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

II. ENROLMENTS

7. A candidate wishing to be enrolled for the degree shall make application to the Registrar in such form as the Board shall prescribe. The candidate shall submit with his application an outline of the course he proposes to pursue, details of his qualifications for undertaking such a course, and in the case of a graduate of a University other than the University of Adelaide, his diploma or some other acceptable certificate of graduation.

8. A candidate shall not be enrolled unless it appears:—

- (a) that the course of research can be conveniently pursued within the University; and
- (b) that he is well qualified for research and well equipped to undertake the particular course which he has proposed.

* Amended 11th November, 1954, and 22nd December, 1955.

The Head of the Department concerned and the appropriate Faculty shall advise the Board on these matters and make recommendations.

9. A candidate shall normally be enrolled at the beginning of an academic year, provided that the Board may enrol candidates at the beginning of a calendar year or at the beginning of any academic term.

10. Each candidate shall pursue his approved course to the satisfaction of the Board in a department of the University under the supervision of a supervisor, or supervisors, appointed by the appropriate Faculty, and under any special conditions that may be specified in his case. At the end of each year each supervisor shall submit to the appropriate Faculty a formal written report on the work of each candidate in his charge. He shall also report to the Faculty when in his opinion a candidate is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree.

11. The Faculty shall have the power to require a candidate who is not a graduate of the University to take an examination, either a special examination or an Honours examination at a specified date, provided that the candidate is notified of this requirement not later than six months after his enrolment. The Board shall determine what proportion of the terms prior to such examination shall count for the purposes of Regulation 13.

III. REQUIREMENTS FOR THE DEGREE

12. Each candidate for the degree shall devote his whole time to the pursuit of his approved course; provided that full-time members of the academic staff of the University may be permitted to proceed to the degree under such conditions as the Board may prescribe.

*13. Each candidate for the degree shall pursue his approved course within the University for a period of not less than six and not more than twelve terms from the date of his enrolment provided that:

- (a) the Board may permit a candidate to pursue at another University or Institution such part of his approved course as it thinks fit (provided that the candidate works for at least six terms within the University); and
- (b) during any term a candidate may be permitted by his supervisor, who shall report to the Board, to spend not more than three weeks away from the University on field work; any period in excess of three weeks to be approved in advance by the Board.

*14. Each candidate for the degree shall at the end of his approved course, or by the end of the twelfth term from his enrolment, present in such form as the Board prescribes not fewer than three copies of a thesis embodying the results of the work done during that course and containing a significant contribution to knowledge or scholarship within the scope of his subject, the title of the thesis having first been approved by the Faculty concerned; provided that, in exceptional circumstances and by special permission of the Board on the recommendation of the Faculty, an extension of time after the twelfth

• Allowed 25th August, 1955.

term may be allowed. The thesis shall be referred to two examiners appointed on the recommendation of the Faculty concerned, one of whom shall be an external examiner. If the examiners do not agree in their recommendations the thesis may be referred to a third examiner. The candidate shall be examined orally or otherwise, at the discretion of the examiners, on the subject of his thesis and the general field of knowledge within which it falls, and the examiners shall report thereon to the Faculty. This examination may in special cases and on the recommendations of the examiners and of the Faculty concerned, be dispensed with by the Board.

15. The Faculty shall consider the reports of the examiners and shall make recommendations to the Board. The Board, after consideration of these reports, may recommend that the candidate:—

- (a) be awarded the degree;
- (b) be not awarded the degree, but be allowed to re-submit his thesis (within such period as the Board may allow);
- (c) be not awarded the degree and be not allowed to re-submit his thesis; or
- (d) with the concurrence of the appropriate Faculty be awarded the appropriate Master's degree.

*16. Two copies of every thesis and other material approved for a degree under these regulations shall be deposited in the Library.

Allowed 22nd January, 1953.

* Amendment awaiting allowance at time of printing.

SCHEDULES MADE BY THE COUNCIL

I. ACADEMIC STANDING.

The academic standing under Regulation 6 required of a candidate for the degree is at present:

In the Faculties of Science and Agricultural Science: An Honours or Master's degree in Science or Agricultural Science.

In the Faculty of Engineering: An Honours or Master's degree.

In the Faculty of Arts: An Honours or a Master's degree.

In the Faculty of Medicine: The Honours degree of Bachelor of Medical Science.

II. FEES.

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

A. For each term's work for the degree until submission of thesis	-	-	-	-	-	-	-	-	£8 15 0
B. On submission of the thesis for examination	-	-							21 0 0
C. On resubmission of thesis, including fees for any additional work required	-	-	-	-	-	-	-		31 10 0
D. On admission to the degree	-	-	-	-	-	-	-		10 10 0

III. Material presented for any other degree within the University shall not be presented for examination for the degree of Doctor of Philosophy.

NOTES AND INSTRUCTIONS TO CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. GENERAL

1. The degree of Doctor of Philosophy is common to the Faculties of Arts, Medicine, Science, Agricultural Science and Engineering, and is therefore administered by a Board of Research Studies. The attention of candidates is drawn to the regulations of the degree and to the schedules made by the Council of the University on page 603.

2. A candidate for the degree of Doctor of Philosophy pursues a course of research under the direction of a supervisor, who reports formally to the Board of Research Studies each year on the candidate's work and progress. The supervisor will also report whenever in his opinion the student is not making satisfactory progress in his work, is otherwise not fulfilling the conditions laid down for him, or appears unlikely to reach the standard of the degree at which he aims.

3. The supervisor will maintain fairly close contact with the student, who should regard it as his duty to keep his supervisor fully informed of the progress of his research, and to consult him about proposed future work and about the general planning of his thesis. If not consulted fairly frequently, the supervisor will satisfy himself that the research student is working satisfactorily.

4. The function of the supervisor is not to plan at all directly the work that the research student should do, but rather to provide a trained mind upon which the student may test his ideas and so be led to develop his own critical faculties. The thesis itself should represent largely the student's unaided work, assisted only by the general aid obtained by discussion with his supervisor as to the most satisfactory method of developing and presenting his material. In the case of a student for whom English is not his mother tongue, some editing of syntax may be done if the need exists and if such help seems to be reasonable.

II. SPECIFICATION FOR THESES

1. (a) The responsibility for the layout of the thesis rests with the candidate after discussion with his supervisor.

(b) The thesis should be written and submitted before the candidate leaves the University. In exceptional circumstances the Chairman of the Board of Research Studies may give permission for the thesis to be completed elsewhere.

(c) Candidates in scientific faculties are strongly recommended to refer to the following publications before writing their theses:

Australia, C.S.I.R.O., *Guide to authors*. Melbourne, C.S.I.R.O., 1953.

Barned, J. R., and Petrie, C. M., *Guide to report writing*. Melbourne, C.S.I.R.O. Division of Building Research, 1955.

Trelease, S. F., *The scientific paper*, 2nd ed. Baltimore, Williams and Wilkins, 1951.

Royal Society of London, *General notes on the preparation of scientific papers*. London Royal Society, 1950.

Emberger, M. R., and Hall, M. R., *Scientific writing*. N.Y. Harcourt Brace, 1955.

2. *Typing.*

(a) A thesis should be typed on quarto paper on one side of the paper only with double spacing, but in exceptional circumstances and with the approval of the Librarian other forms of presentation may be permitted.

(b) Margins should be not less than 1½ inches on the left-hand side and ½ inch on the right-hand side to allow for binding and trimming.

(c) The thesis should incorporate: (i) a title page giving the title of the thesis in full, the name and degrees of the candidate, and the Department in the University in which the research was conducted; (ii) a table of contents; (iii) a summary of 150-250 words bound in each copy of the thesis at the back together with a total of two additional (loose) copies; (iv) a signed statement to the effect that the thesis contains no material previously submitted for a degree in any University either by the candidate or by any other person, except when due reference is made in the text of the thesis.

3. *Diagrams and Figures.*

The following are general suggestions for normal practice but they may be varied in special cases:

(a) Diagrams and figures, etc., should preferably be drawn or photographed on quarto paper (photographs should not be affixed to quarto paper) and bound in the appropriate place in the text.

(b) All figures should form a right-hand page with the legend either at the bottom or if necessary on the page facing the figures.

(c) Tables should be inserted in the appropriate place in the text, except in the case of lengthy or bulky tables, which should be transferred to an appendix.

(d) Diagrams, maps, tables, etc., exceeding quarto in size should be folded so as to read as a right-hand page when open.

4. *Binding.*

(a) The thesis must be sewn and bound with stiff covers covered with dark cloth. (It should be noted that the thesis must be bound and that a loose-leaf binder of the spring type or screw-in type is not acceptable.)

(b) During binding the edges should be trimmed.

(c) The title of the thesis should be given in full in gold capital lettering on the front of the thesis in letters approximately 3/16 inch high.

(d) On the spine of the thesis should be given, in gold lettering of suitable size, reading from bottom to top, surname of candidate and title of thesis abbreviated if necessary.

5. Published papers submitted as additional evidence should be bound in the back of the thesis as an Appendix.

6. Three bound copies of the thesis should be presented to the Registrar for examination, none of which will be returned to the candidate. When the examiners have returned the copies submitted to them the Registrar will distribute these copies as follows: two copies to the University Library and one copy to the Head of the Department in which the candidate worked.

7. Availability.

(a) Subject to the author's consent, one copy of the thesis deposited in the Library will be available for loan.

(b) Subject to the author's consent, the thesis will be available for photo-copying.

(c) The author will be asked after the award of the degree to give his consent to (a) and (b) in writing. Such notice of consent will be inserted by the Registrar in the copies deposited in the Library.

(d) If the author's consent is not given to sections (a) and (b) of this clause, the thesis will in any case become available for general use two years after the award of the degree.

OF THE DEGREE OF BACHELOR OF TECHNOLOGY REGULATIONS

1. There shall be an Ordinary degree of Bachelor of Technology.

2. Schedules defining the courses of study, including lectures, laboratory and other practical work to be undertaken, the examinations to be passed and the fees to be paid by candidates, shall be drawn up by the Faculty of Technology and submitted to the Councils of the University and the South Australian School of Mines and Industries.

Such schedules shall become effective as from the date of approval by both Councils or such other date as the Councils may determine, and shall be published in the next University Calendar which is issued after that approval has been given.

†3. (a) To qualify for the degree of Bachelor of Technology a candidate shall regularly attend lectures and do written, laboratory and other practical work (where such is required) and pass examinations in the subjects prescribed for one of the following Technological courses:

Building Technology,
Chemical Technology,
Civil Engineering,
Electronic Engineering,
Electrical Engineering,
Mechanical Engineering,
Extractive Metallurgy,
Physical Metallurgy,
Mineral Dressing,
Surveying.

(b) Before being admitted to the degree a candidate shall also submit satisfactory evidence that he has had not less than twelve months' practical experience, not necessarily consecutive, in work approved by the Faculty of Technology as appropriate to the course which he has followed.

4. (a) All annual examinations, other than supplementary, shall take place towards the end of the academic year, except that practical examinations and examinations in a subject in which the course of instruction has been completed by the end of the second term, may be held at any convenient time fixed by the Faculty.

(b) A candidate shall enter for examination on the form and by the date prescribed by the Council, but shall not be eligible to present himself for examination unless he has regularly attended the prescribed lectures and has done written and laboratory or other practical work where required to the satisfaction of the professors and lecturers concerned.

(c) Written and practical work done by candidates at the direction of the professors or lecturers and the results of terminal or other examinations in any subject may be taken into consideration at the final examination in that subject.

(d) There shall be three classifications of pass at the annual examination in any subject or division of a subject for the degree, as follows: Pass with Distinction, Pass with Credit, Pass. The names of candidates who Pass with Distinction or with Credit shall be arranged in order of merit within the classification; the names of other candidates who Pass shall be arranged in alphabetical order either in one list or in two divisions as the Faculty may determine. If the pass list be published in two divisions, a pass in the higher division may be prescribed in the syllabuses as pre-requisite for admission either to further courses in that subject or to other subjects.

† Amendment awaiting allowance at time of printing.

(e) A candidate who fails to pass in any subject shall again attend lectures and do practical work in that subject to the satisfaction of the professors and lecturers unless exempted by the Faculty of Technology. Any such exemptions will hold for one academic year only.

(f) Supplementary examinations will be held only in special circumstances approved by the Faculty after consideration of individual cases.

*(g) Except by permission of the Faculty a candidate shall not be admitted to the class in any subject for which he has not completed the pre-requisite work prescribed in the syllabus for that subject.

5. Except in case of illness or other sufficient cause allowed by the Faculty, no candidate shall be credited in any year with attendance at lectures or laboratory work in a subject unless he has attended at least three-fourths of the lectures and laboratory work respectively in that subject.

6. No candidate shall be granted exemption from attendance at lectures or practical work except upon grounds approved by the Faculty.

7. A candidate who has twice failed to pass the examination in any subject or division of a subject may not present himself again for instruction or examination therein unless his plan of study is approved by the Dean. If he fails a third time he may not proceed with the subject again except by special permission of the Faculty, and under such conditions as the Faculty may prescribe.

For the purpose of this regulation a candidate who is refused permission to sit for examination in any subject or division of a subject shall be deemed to have failed to pass the examination.

8. A student who has passed examinations *in pari materia* in another Faculty or otherwise, or who desires that his work at other Universities or Technical Schools should be counted *pro tanto* for the degree of Bachelor of Technology may on application be granted such exemption from the requirements of the regulations as the Councils shall determine. (In particular a student who has completed one of the diploma courses introduced by the South Australian School of Mines and Industries in or after the year 1949 will be eligible to qualify for the degree of Bachelor of Technology by matriculating and by satisfying the examiners at re-examination in such major subject or subjects as may be determined in each case by the Faculty. Such a candidate shall surrender his Associateship diploma before being admitted to the degree.)

Allowed 20th December, 1956.

* Allowed 9th January, 1958.

Schedules made by the Council under Regulation 2

BUILDING TECHNOLOGY
 CIVIL ENGINEERING
 ELECTRICAL ENGINEERING
 ELECTRONIC ENGINEERING
 MECHANICAL ENGINEERING
 CHEMICAL TECHNOLOGY
 EXTRACTIVE METALLURGY
 PHYSICAL METALLURGY
 MINERAL DRESSING
 SURVEYING

BACHELOR OF TECHNOLOGY COURSE IN
 BUILDING TECHNOLOGY

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	£	Fee s. d.
FIRST YEAR					
1151	Pure Mathematics I (T), Lectures	4	S.M. }	10	10 0
	Tutorial	1	S.M. }		
1141	Physics I (T), Lectures	3	S.M. }	10	0 0
	Practical	3	S.M. }	9	9 0
1039	Bookkeeping and Accounts, Lectures	2	S.M. }	3	15 0
1021	Building Science I (T), Lectures	1	S.M. }	5	5 0
1024	Building Construction and Drawing I, Lectures	1	S.M. }	6	0 0
	Practical	2	S.M. }		
1031	Architectural Drawing I (T), Practical	6 ¹ 3 ²	S.M. }	4	10 0
	Either: (a)				
1032	Free Drawing IA, Practical	2	S.M. }	4	10 0
	Or: (b)				
1035	Quantity Surveying I, Lectures	2	S.M. }	7	10 0
	and				
1033	Architectural History IB, Lectures	1	S.M. }	2	5 0
SECOND YEAR					
1153	Applied Mathematics (T), Lectures	3	S.M. }	7	10 0
	Tutorial	1	S.M. }		
1208	Strength of Materials (T), Lectures	2	S.M. }	8	5 0
	Practical	3	S.M. }		
1022	Building Science II (T), Lectures	2 ² 1 ¹	S.M. }	6	15 0
1028	Building Administration I, Lectures	2 ¹ 1 ²	S.M. }	7	10 0
1026	Building Construction and Drawing II, Lectures	1	S.M. }	6	0 0
	Practical	2	S.M. }		
	Either: (a)				
1035	Quantity Surveying I, Lectures	2	S.M. }	7	10 0
	and				
1040	Elements of Supervision, Lectures	1 ¹	S.M. }	5	5 0
	Or: (b)				
1036	Quantity Surveying II, Lectures	2	S.M. }	8	5 0
	and				
1034	Architectural History IIB, Lectures	1	S.M. }	6	0 0
	Practical	2	S.M. }		
THIRD YEAR					
1041	Design of Structures A, Lectures	1	S.M. }	6	0 0
	Practical	3	S.M. }		
1023	Building Science III (T), Lectures	2	S.M. }	7	10 0
1029	Building Administration II, Lectures	2	S.M. }	7	10 0
	Practical	3	S.M. }		
1027	Building Construction and Drawing III, Lectures	1	S.M. }	9	0 0
	Practical	5	S.M. }		
1008	Surveying IA, Lectures	1	S.M. }	6	0 0
	Practical	3	S.M. }		
1038	Estimating and Costing, Lectures	2	S.M. }	4	10 0
	Either: (a)				
1036	Quantity Surveying II, Lectures	2	S.M. }	8	5 0
	Or: (b)				
1037	Quantity Surveying III, Lectures	2	S.M. }	8	5 0

BACHELOR OF TECHNOLOGY COURSE IN CIVIL ENGINEERING

Subject No. in Syllabus	Subject		Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR					
1151	Pure Mathematics I (T), Lectures	.....	4	S.M.	10 10 0
	Tutorial	.....	1	S.M.	
1141	Physics I (T), Lectures	.....	3	S.M.	10 10 0
	Practical	.....	3	S.M.	
232	Chemistry IA, Lectures	.....	2	S.M.	13 10 0
	Practical	.....	3	S.M.	
1212	Engineering Drawing and Design I, Practical	.....	4	S.M.	5 5 0
1214	Workshop Practice I, Lectures	.....	1	S.M.	3 10 0
	Practical	.....	3	S.M.	
1201	Mechanical Engineering I (T), Lectures	.....	2	S.M.	4 10 0
SECOND YEAR					
1001	Structures I (T), Lectures	.....	3	S.M.	9 0 0
	Practical	.....	4	S.M.	
1008	Surveying IA, Lectures	.....	1	S.M.	6 0 0
	Practical	.....	3	S.M.	
1008A	Survey Camp	.....		S.M.	3 3 0
1211	Hydraulics (T), Lectures	.....	1	S.M.	3 0 0
	Practical	.....	3 ¹	S.M.	
1152	Pure Mathematics II (T), Lectures	.....	2	S.M.	5 5 0
	Tutorial	.....	1	S.M.	
1153	Applied Mathematics (T), Lectures	.....	3	S.M.	7 10 0
	Tutorial	.....	1	S.M.	
1213	Engineering Drawing and Design II, Lectures	.....	1	S.M.	6 0 0
	Practical	.....	3	S.M.	
THIRD YEAR					
1002	Civil Engineering A, Lectures	.....	3	S.M.	9 0 0
	Practical	.....	5 ⁰	S.M.	
1003	Civil Engineering B, Lectures	.....	4	S.M.	9 0 0
	Practical	.....	3	S.M.	
1004	Structures II (T), Lectures	.....	1	S.M.	9 0 0
	Practical	.....	7	S.M.	
1052	Electrical Engineering IIA (T), Lectures	.....	2	S.M.	6 15 0
	Practical	.....	2	S.M.	
1005	Methods of Construction and Management, Lectures	.....	1	S.M.	2 5 0
For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.					
* Including Seminars.					

BACHELOR OF TECHNOLOGY COURSE IN ELECTRICAL ENGINEERING

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
1141	Physics I (T), Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	
1214	Workshop Practice I, Lectures	1	S.M.	3 10 0
	Practical	3	S.M.	
SECOND YEAR				
1051	Electrical Engineering II (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1202	Mechanical Engineering II (T), Lectures	2	S.M.	6 0 0
	Practical	2 ^a	S.M.	
1208	Strength of Materials (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1153	Applied Mathematics (T), Lectures	3	S.M.	7 10 0
	Tutorial	1	S.M.	
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
THIRD YEAR				
1054	Electrical Engineering III (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1104	Applied Electronics, Lectures	1	S.M.	4 10 0
	Practical	2	S.M.	
1207	Machine Design, Lectures	2	S.M.	6 15 0
	Practical	3 ^a	S.M.	
1272	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	1	S.M.	
1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1055	Automatic Control, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	

BACHELOR OF TECHNOLOGY COURSE IN ELECTRONIC ENGINEERING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M. }	10 10 0
	Tutorial	1	S.M. }	
1141	Physics I (T), Lectures	3	S.M. }	10 10 0
	Practical	3	S.M. }	9 9 0
232	Chemistry IA, Lectures	2	S.M. }	13 10 0
	Practical	3	S.M. }	
1212	Engineering Drawing and Design I, Practical	4	S.M. }	5 5 0
1214	Workshop Practice I, Lectures	1	S.M. }	
	Practical	3	S.M. }	3 10 0
SECOND YEAR				
1101	Communication Engineering I, Lectures	3	S.M. }	9 0 0
	Practical	3	S.M. }	
1051	Electrical Engineering II (T), Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1104A	Applied Electronics (Short Course), Lectures	1 ²	S.M. }	3 0 0
	Practical	2 ²	S.M. }	
1152	Pure Mathematics II (T), Lectures	2	S.M. }	5 5 0
	Tutorial	1	S.M. }	
1154	Electron Physics, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1272	Engineering Materials, Lectures	1	S.M. }	4 10 0
	Practical	1	S.M. }	
THIRD YEAR				
1102	Communication Engineering II, Lectures	2	S.M. }	9 0 0
	Practical	4	S.M. }	
1054	Electrical Engineering III (T), Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1107	Pulse Techniques, Lectures	1	S.M. }	4 10 0
	Practical	2	S.M. }	
1105	Electronic Engineering Design, Lectures	1	S.M. }	4 10 0
	Practical	2	S.M. }	
1055	Automatic Control, Lectures	1	S.M. }	4 10 0
	(Short Course) Practical	2	S.M. }	
1106	Electronic Measurements (Terms 1 & 2), Lectures	1 ²	S.M. }	3 0 0
	Practical	2 ²	S.M. }	

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE A)

FIRST YEAR				
1151	Pure Mathematics I (T), Lectures	4	S.M. }	10 10 0
	Tutorial	1	S.M. }	
1141	Physics I (T), Lectures	3	S.M. }	10 10 0
	Practical	3	S.M. }	9 9 0
232	Chemistry IA, Lectures	2	S.M. }	13 10 0
	Practical	3	S.M. }	
1201	Mechanical Engineering I (T), Lectures	2	S.M. }	4 10 0
1212	Engineering Drawing and Design I, Practical	4	S.M. }	5 5 0
1214	Workshop Practice I, Lectures	1	S.M. }	
	Practical	3	S.M. }	3 10 0
SECOND YEAR				
1202	Mechanical Engineering II (T), Lectures	2	S.M. }	6 0 0
	Practical	2 ²	S.M. }	
1208	Strength of Materials (T), Lectures	2	S.M. }	8 5 0
	Practical	3	S.M. }	
1213	Engineering Drawing and Design II, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1152	Pure Mathematics II (T), Lectures	2	S.M. }	5 5 0
	Tutorial	1	S.M. }	
1153	Applied Mathematics (T), Lectures	3	S.M. }	7 10 0
	Tutorial	1	S.M. }	
1272	Engineering Materials, Lectures	1	S.M. }	4 10 0
	Practical	1	S.M. }	

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
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THIRD YEAR

1203	Mechanical Engineering III (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1207A	Machine Design Project, Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1265	Metal Fabrication, Lectures	1	S.M.	2 5 0
1266	Foundry Practice, Lectures	1	S.M.	
	Practical	3	S.M.	6 0 0
1104	*Applied Electronics, Lectures	1	S.M.	
	Practical	2	S.M.	4 10 0
1256	*Industrial Instrumentation, Lectures	1	S.M.	
	Practical	3	S.H.	6 0 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

* Omit one of these subjects.

BACHELOR OF TECHNOLOGY COURSE IN MECHANICAL ENGINEERING (COURSE B)

FIRST YEAR

1151	Pure Mathematics I (T), Lectures	4	S.M.	10 10 0
	Tutorial	1	S.M.	
1141	Physics I (T), Lectures	3	S.M.	10 10 0
	Practical	3	S.M.	
232	Chemistry IA, Lectures	2	S.M.	13 10 0
	Practical	3	S.M.	
1204	Refrigeration Engineering I, Lectures	2	S.M.	4 10 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	
1214	Workshop Practice I, Lectures	1	S.M.	3 10 0
	Practical	3	S.M.	

SECOND YEAR

1205	Refrigeration Engineering II, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1208	Strength of Materials (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1152	Pure Mathematics II (T), Lectures	2	S.M.	5 5 0
	Tutorial	1	S.M.	
1153	Applied Mathematics (T), Lectures	3	S.M.	7 10 0
	Tutorial	1	S.M.	
1270	Chemistry I, Organic (T), Lectures	1	S.M.	6 13 0
	Practical	2	S.M.	

THIRD YEAR

1206	Refrigeration Engineering III, Lectures	2	S.M.	6 15 0
	Practical	3 ²	S.M.	
1203	Mechanical Engineering III (T), Lectures	2	S.M.	8 5 0
	Practical	3	S.M.	
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	
1215	Workshop Practice II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	
1272	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	1	S.M.	
1216	*Principles of Business and Industry, Lectures	2	S.M.	4 10 0
1256	*Industrial Instrumentation, Lectures	1	S.M.	
	Practical	3	S.M.	6 0 0
1104	*Applied Electronics, Lectures	1	S.M.	
	Practical	2	S.M.	4 10 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

* Omit two of these subjects. This course has been designed to meet the needs of Refrigeration Engineers.

BACHELOR OF TECHNOLOGY COURSES IN
CHEMICAL TECHNOLOGY
 (Courses A and B)
EXTRACTIVE METALLURGY
PHYSICAL METALLURGY
MINERAL DRESSING

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
PRELIMINARY YEAR				
232	Chemistry IA, Lectures	2	S.M. }	13 10 0
	Practical	3	S.M. }	
1141	Physics I (T.), Lectures	3	S.M. }	10 10 0
	Practical	3	S.M. }	9 9 0
1151	Pure Mathematics I (T.), Lectures	4	S.M. }	10 10 0
	Tutorials	1	S.M. }	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
FIRST YEAR				
235B	Chemistry IIB, Lectures	3	U.	10 10 0
	Practical	3	U.	9 9 0
1152	Pure Mathematics II (T.), Lectures	2	S.M. }	5 5 0
	Practical	1	S.M. }	
222	Engineering Physics, Lectures	3	U.	10 10 0
	Practical	3	U.	6 6 0
1272	Engineering Materials, Lectures	1	S.M. }	4 10 0
	Practical	1	S.M. }	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
SECOND YEAR				
CHEMICAL TECHNOLOGY (Course A)				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
236A	Organic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	U.	12 12 0
1257	Process Technology I, Lectures	2 ² 3 ¹	U./S.M.	9 15 0
1209	Materials and Structures, Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
CHEMICAL TECHNOLOGY (Course B)				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
236A	Organic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	U.	12 12 0
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
807	Human Nutrition	1	U.	5 5 0
1257	Process Technology I, Lectures	2 ² 3 ¹	U./S.M.	9 15 0
1280	Industrial Microbiology I, Lectures	2	U.	8 8 0
	Practical	4	U.	8 8 0
EXTRACTIVE METALLURGY				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1257	Process Technology I, Lectures	2 ² 3 ¹	U./S.M.	9 15 0
1209	Materials and Structures, Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
251A	Geology IA, Lectures	2 ²	U.	7 0 0
	Practical	4 ²	U.	6 6 0
1052	Electrical Engineering IIA (T), Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0
PHYSICAL METALLURGY				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1263	Physical Metallurgy II, Lectures	1	S.M. }	6 0 0
	Practical	3	S.M. }	
1212	Engineering Drawing and Design I, Practical	4	S.M.	5 5 0
1209	Materials and Structures, Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1052	Electrical Engineering IIA (T), Lectures	2	S.M. }	6 15 0
	Practical	2	S.M. }	
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	Fee £ s. d.
MINERAL DRESSING				
234	Physical and Inorganic Chemistry IIA, Lectures	2	U.	8 8 0
	Practical	6	S.M.	12 12 0
1257	Process Technology I, Lectures	2 ²	U./S.M.	9 15 0
1209	Materials and Structures, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
251A	Geology IA, Lectures	2 ²	U.	7 0 0
	Practical	4 ²	U.	6 6 0
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
1201	Mechanical Engineering I (T), Lectures	2	S.M.	4 10 0

THIRD YEAR**CHEMICAL TECHNOLOGY (Course A)**

1258	Process Technology II, Lectures	2	S.M.	12 0 0
	Practical	6	S.M.	12 0 0
1259	Unit Operations, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1272	Engineering Materials, Lectures	1	S.M.	4 10 0
	Practical	1	S.M.	4 10 0
1052	Electrical Engineering IIA (T), Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1267	Industrial Economics, Lectures	1 ²	U.	2 16 0
1251	*Analytical Chemistry, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1256	*Industrial Instrumentation, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

*Omit one of these subjects.

CHEMICAL TECHNOLOGY (Course B)

1258	Process Technology II, Lectures	2	S.M.	12 0 0
	Practical	6	S.M.	12 0 0
1216	Principles of Business and Industry, Lectures	2	S.M.	4 10 0
1259	Unit Operations, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1209	*Materials and Structures, Lectures	2	S.M.	6 15 0
	Practical	2	S.M.	6 15 0
1204	*Refrigeration Engineering I, Lectures	2	S.M.	4 10 0
1256	*Industrial Instrumentation, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1281	Industrial Microbiology II, Lectures	2	U.	8 8 0
	Practical	6	U.	12 12 0

*Omit two of these subjects.

†The provision of this Course was approved for the single three-year Course beginning with the first-year work in 1958. The Course will be provided again in 1959 if sufficient candidates enrol.

EXTRACTIVE METALLURGY

1254	Extractive Metallurgy I, Lectures	2	S.M.	9 0 0
	Practical	6	S.M.	9 0 0
1261	Mineral Dressing IA, Lectures	1	U.	3 0 0
	Practical	3 ¹	U.	3 0 0
1259	Unit Operations, Lectures	1	U.	4 4 0
	Practical	3	U.	6 6 0
1262	Physical Metallurgy I, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1271	Assaying, Practical	3	S.M.	3 15 0
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1256	Industrial Instrumentation, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1267	Industrial Economics, Lectures	1 ²	U.	2 16 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

PHYSICAL METALLURGY

1264	Physical Metallurgy III, Lectures	1	S.M.	9 0 0
	Practical	9	S.M.	9 0 0
1255	Extractive Metallurgy IA, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1265	Metal Fabrication, Lectures	1	S.M.	2 5 0
1266	Foundry Practice, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1251	Analytical Chemistry, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1213	Engineering Drawing and Design II, Lectures	1	S.M.	6 0 0
	Practical	3	S.M.	6 0 0
1267	Industrial Economics, Lectures	1 ²	U.	2 16 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

Subject No. in Syllabus	Subject	Hours a Week	Place of Lecture	£	Fee s.	d.
MINERAL DRESSING						
1260	Mineral Dressing I, Lectures	2	U.	}	9	0 0
	Practical	6	U.			
1255	Extractive Metallurgy IA, Lectures	1	S.M.	}	6	0 0
	Practical	3	S.M.			
471	Mining Engineering I, Lectures	2	U.	}	8	8 0
1271	Assaying, Practical	3	S.M.			
1256	Industrial Instrumentation, Lectures	1	S.M.	}	6	0 0
	Practical	3	S.M.			
1268	Fluid Mechanics, Lectures	1	U.	}	4	4 0
	Practical	3 ¹	U.			
1213	Engineering Drawing and Design II, Lectures	1	S.M.	}	6	0 0
	Practical	3	S.M.			
1267	Industrial Economics, Lectures	1 ²	U.		2	16 0
For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.						

BACHELOR OF TECHNOLOGY COURSE IN SURVEYING

FIRST YEAR

1151	Pure Mathematics I (T), Lectures	4	S.M.	}	10	10 0
	Tutorial	1	S.M.			
1141	Physics I (T), Lectures	3	S.M.	}	10	10 0
	Practical	3	S.M.			
232	Chemistry IA, Lectures	2	S.M.	}	13	10 0
	Practical	3	S.M.			
1212	Engineering Drawing and Design I, Practical	4	S.M.		5	5 0
1008	Surveying IA, Lectures	1	S.M.	}	6	0 0
	Practical	3	S.M.			
1008A	Survey Camp		S.M.		3	3 0

SECOND YEAR

1010	Surveying II, Lectures	2	S.M.	}	8	5 0
	Practical	3	S.M.			
1015	Astronomy, Lectures	2	S.M.	}	8	5 0
	Practical	3	S.M.			
1009	Surveying Computations, Lectures	3	S.M.	}	6	0 0
1152	Pure Mathematics II (T), Lectures	2	S.M.			
	Tutorial	1	S.M.	}	5	5 0
1153	Applied Mathematics (T), Lectures	3	S.M.			
	Tutorial	1	S.M.	}	7	10 0
1007	Town Planning Practice, Lectures	1	S.M.			
1019	Applied Geology and Economic Geography, Lectures	1	S.M.	}	2	5 0
1025	Building Construction and Drawing IA, Lectures	1	S.M.			
	Practical	2	S.M.		4	10 0

THIRD YEAR

1014	Geodesy, Lectures	2	S.M.	}	8	5 0
	Practical	3	S.M.			
1011	Land Surveying Design and Drafting, Practical	3	S.M.	}	3	15 0
1012	Mine Surveying, Lectures	1	S.M.			
1013	Photogrammetry, Lectures	3	S.M.	}	9	0 0
	Practical	6	S.M.			
1211	Hydraulics (T), Lectures	1	S.M.	}	3	0 0
	Practical	3 ¹	S.M.			
1006	Soils Investigations, Lectures	1	S.M.	}	4	10 0
	Practical	3 ¹	S.M.			
1018	Land Valuation—Principles and Practice, Lectures	1	S.M.	}	2	5 0
1017	Law in Relation to Planning, Lectures	1	S.M.			
1016	Laws and Regulations Governing Surveys, Lectures	2	S.M.		4	10 0

For thesis or such other work (not being one of the subjects in the schedules) as may be prescribed by the Faculty under Regulation 8 £10 10 0.

* Practical work at Broken Hill during vacation.

TABLE OF FEES

The fees payable by candidates for tuition and examination in the various undergraduate and diploma courses, for admission to degrees and the granting of diplomas, and on candidature for higher degrees, are prescribed in the appropriate regulations or schedules made by the Council. They are here assembled and published in one table for convenience of reference.

The table does not include the Statutory Annual Fee and the General Service Fee, which are payable by all undergraduates and candidates for diplomas, nor does it include hospital fees payable by medical students, and other incidental fees.

The following fees are payable in advance in such instalments as the Council shall from time to time determine:

I. DEGREE OF BACHELOR OF ARTS

A. Ordinary Degree of B.A.:

- (1) For attendance (or re-attendance) at lectures and annual examination in each course except Science subjects - - - £10 10 0
- (2) For a special examination in any course or for an annual examination with exemption from attendance or re-attendance at lectures 5 5 0
- (3) For attendance (or re-attendance) at lectures, laboratory work and annual examination in each course in a Science subject: the same fees as are prescribed in the schedule for the degree of Bachelor of Science.

B. Honours Degree of B.A.:

- (1) For such courses for the Ordinary degree as candidates are required to take: the fees prescribed in Section A.
- (2) For each Interim Honours course - - 10 10 0
- (3) For instruction and final examination in the following schools:

Classics	-	-	-	-	-	-	42	0	0
Politics	-	-	-	-	-	-	42	0	0
History	-	-	-	-	-	-	42	0	0
Philosophy	-	-	-	-	-	-	42	0	0
Mathematics	-	-	-	-	-	-	52	10	0
English Language and Literature:									
Under Scheme A	-	-	-	-	-	-	52	10	0
Under Scheme B	-	-	-	-	-	-	42	0	0
French Language and Literature	-	-	-	-	-	-	42	0	0
Economics	-	-	-	-	-	-	42	0	0
Geography	-	-	-	-	-	-	42	0	0
German	-	-	-	-	-	-	42	0	0
Psychology	-	-	-	-	-	-	52	10	0

Note: These fees cover all work, except courses for the Ordinary degree and Interim courses provided for in B. (2) above, which the Head of the school deems necessary for the Honours course selected.

II. DIPLOMA IN EDUCATION

A. For attendance (or re-attendance) at lectures and annual examination:			
(1) In Hygiene - - - - -	£5	5	0
(2) In Educational Psychology, Parts I and II—each part - - - - -	5	5	0
(3) In the Principles of Education (Pre-Primary, or Primary, or Secondary), Parts I, II and III—each part - - - - -	5	5	0
B. For a special examination or an annual examination in a subject with exemption from attendance or re-attendance at lectures - - - - -	2	12	6
C. For the course in Practical Teaching - - - - -	5	5	0
D. For the Diploma - - - - -	5	5	0

III. DEGREE OF MASTER OF ARTS

A. Under Regulation 2 (b and c):			
(1) For instruction in courses other than those provided for the Ordinary or Honours degree of B.A. - - - - -	£21	0	0
(2) For guidance without instruction - - - - -	10	10	0
B. Under Regulation 3:			
On approval of the subject of the thesis or on beginning the course of study - - - - -	10	10	0
C. On submission or re-submission of the thesis - - - - -	10	10	0
D. On admission to the degree - - - - -	10	10	0

IV. DEGREE OF DOCTOR OF LETTERS

A. On approval of the subject of the work - - - - -	£31	10	0
B. On admission to the degree - - - - -	10	10	0

V. DEGREE OF BACHELOR OF ECONOMICS

A. For attendance (or re-attendance) at lectures and annual examination:			
(1) For subjects which are included in the schedule for the degree of Bachelor of Arts: the fees prescribed in that schedule.			
(2) For each other subject - - - - -	£10	10	0
(3) For a special examination in any subject or for an annual examination with exemption from attendance (or re-attendance) at lectures - - - - -	5	5	0
B. For the Honours work and final Honours examination in Economics - - - - -	42	0	0

VI. DEGREE OF MASTER OF ECONOMICS

A. Under Regulation 2 (b and c):

(1) For instruction in courses other than those provided for the Ordinary or Honours degree of Bachelor of Arts or Bachelor of Economics - - - - -	£21	0	0
(2) For guidance without instruction - - - - -	10	10	0
B. On approval of the subject of the thesis - - - - -	10	10	0
C. On submission or re-submission of the thesis - - - - -	10	10	0
D. On admission to the degree - - - - -	10	10	0

VII. DEGREE OF BACHELOR OF SCIENCE

	Lectures	Practical Work
A. For the Ordinary Degree:		
(1) General Mathematics, Pure Mathematics I, II and III, Applied Mathematics I, II and III, Statistical Methods, Mathematical Statistics, and First- and Second-year Honours courses in Mathematics: each - - - - -	£10	10 0
(2) General Physics, Physics I, Chemistry I, Geology I, Botany I, Zoology I and Biology: each - - - - -	10	10 0 £9 9 0
(3) Physics II, Chemistry II, Organic Chemistry II, Physical and Inorganic Chemistry II, Biochemistry I, Geology II, Botany II, Zoology II, Bacteriology II and Genetics I: each - - - - -	10	10 0 15 15 0
(4) Physics III, Physics IIIA, Organic Chemistry III, Physical and Inorganic Chemistry III, Biochemistry II, Physiology, Geology III, Botany III, Zoology III, Bacteriology II and Genetics II: each - - - - -	10	10 0 26 5 0
(5) Special Subjects:		
Economics (for Forestry students) - - - - -	10	10 0
Soil Science IA - - - - -	10	10 0 9 9 0
Palaeontology - - - - -	10	10 0 9 9 0
Botany IIA - - - - -	12	12 0 18 18 0
Histology (inclusive fee) - - - - -	10	10 0
A composite subject in lieu of a subject from Group C (inclusive fee) - - - - -	36	15 0
Scientific German (for candidates other than Honours students) - - - - -	2	2 0

	Lectures	Practical Work
B. For the Honours Degree of B.Sc.		
For the Honours work and final examination:		
(1) In Mathematics: as for the Honours degree of B.A.		
(2) In any other subject - - -	£52 10 0	

Note: The foregoing amounts, which do not include the fees for pass work, are inclusive of all fees payable for courses taken at the University which the Faculty deems necessary for the Honours course in the school selected.

C. For a supplementary examination (theoretical or practical or both) - - - - -	£5 5 0
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Notes: (1) The cost of field excursions associated with the various subjects is not included in the annual fee.

(2) The fees for the course at the Australian Forestry School are not included in this schedule.

VIII. DEGREE OF MASTER OF SCIENCE

For work in the laboratory (if required or under-taken) - - - - - each year	£26 5 0
On submission or re-submission of the thesis - - -	10 10 0
On entry for any examination required - - - -	10 10 0
On admission to the degree - - - - -	10 10 0

IX. DEGREE OF DOCTOR OF SCIENCE

On approval of the subject of the work - - - -	£31 10 0
On admission to the degree - - - - -	10 10 0

X. DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE

A. For the Ordinary Degree:	
(1) For each year's work, including one annual examination - - - - -	£78 15 0
(2) For a supplementary or special examination (theoretical or practical or both) in any subject - - - - -	5 5 0

Note: (a) The cost of attendance on compulsory tours in the third and fourth years of the course is not included in the annual fee.

(b) For students completing their courses under the 1955 or earlier regulations the cost of the fourth year's work (at Roseworthy Agricultural College) has been increased to £81/4/-.

B. For the Honours Degree:	
Inclusive fee for courses which the head of the department deems necessary for the Honours course in the subject selected, including the examinations required - - - - -	52 10 0

XI. DEGREE OF MASTER OF AGRICULTURAL SCIENCE

For work in the laboratory (if required or undertaken) - - - - - each year	£26 5 0
On presentation or re-presentation of the thesis - -	10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - -	10 10 0

XII. DEGREE OF MASTER OF ENGINEERING

For work in the laboratory (if required or undertaken) - - - - - each year	£26 5 0
On presentation or re-presentation of the thesis - -	10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - -	10 10 0

XIII. DEGREE OF BACHELOR OF ENGINEERING

- A. For attendance at lectures, practical work and annual examination: those prescribed in the schedule of subjects for the degree.
- B. For the special Honours work including examination - - - Lectures, £8 8 0; Practical, £18 18 0
- C. For a special examination (theoretical or practical or both) in any University subject - - - 5 5 0

The fees for subjects and examinations of the South Australian School of Mines and Industries or of the South Australian School of Arts and Crafts are as prescribed by those institutions.

Note: The cost of field excursions associated with the various subjects is not included in the annual fee.

XIV. DEGREE OF BACHELOR OF LAWS AND FINAL CERTIFICATE IN LAW

- A. Entrance fee - - - - - £3 3 0
- B. For attendance (or re-attendance) at lectures and examination in each legal subject of the course - 10 10 0
- C. For attendance at the course of lectures in Legal Ethics - - - - - 3 10 0
- D. For attendance (or re-attendance) at lectures and examination in any Arts subject: the fee prescribed in the schedule for the Ordinary degree of Bachelor of Arts.
- E. For examination in Justinian's Institutes - - 5 5 0
- F. For the additional examination required for the Honours degree of Bachelor of Laws - - - 10 10 0
- G. For the Final Certificate - - - - - 5 5 0
- H. For a supplementary examination in any subject 5 5 0

XV. DEGREE OF MASTER OF LAWS

On presentation of the thesis - - - - -	£10 10 0
On entry for any examination required - - -	10 10 0
On admission to the degree - - - -	10 10 0

XVI. DEGREE OF DOCTOR OF LAWS

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XVII. DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination:								
(1) In each of the first, second and third years						£80	0	0
(2) In each of the fourth, fifth and sixth years						70	0	0
B. For a supplementary examination:								
(1) In any single subject	-	-	-	-	-	5	5	0
(2) In any group of subjects	-	-	-	-	-	10	10	0

XVIII. DEGREE OF BACHELOR OF MEDICAL SCIENCE

For the special year's work and examination in any subject for the Ordinary degree or for the Honours degree								
	-	-	-	-	-	£52	10	0

XIX. DEGREE OF DOCTOR OF MEDICINE

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XX. DEGREE OF MASTER OF SURGERY

On entry for examination in Part I	-	-	-	-	-	£15	15	0
On entry for examination in Part II	-	-	-	-	-	26	5	0
On admission to the degree	-	-	-	-	-	10	10	0

XXI. DEGREE OF BACHELOR OF DENTAL SURGERY

A. For attendance (or re-attendance) at lectures, practical work and annual examination in each year of the course								
	-	-	-	-	-	£75	0	0
B. For a supplementary examination in any subject								
	-	-	-	-	-	5	5	0

XXII. DEGREE OF MASTER OF DENTAL SURGERY

A. For instruction or laboratory work in any subject or group of subjects: such fees as may be pre- scribed from time to time by the Council.								
B. On presentation of the thesis	-	-	-	-	-	£15	15	0
C. On entry for examination in Part I	-	-	-	-	-	15	15	0
D. On entry for examination in Part II	-	-	-	-	-	15	15	0
E. On admission to the degree	-	-	-	-	-	10	10	0
If a candidate is exempted from part of the examination an appro- priate adjustment in fees will be made by the Council.								

XXIII. DEGREE OF DOCTOR OF DENTAL SCIENCE

On presentation of the thesis	-	-	-	-	-	£31	10	0
On admission to the degree	-	-	-	-	-	10	10	0

XXIV. DIPLOMA OF ASSOCIATE IN MUSIC

A. For the Entrance Examination in Music, if required - - - - -	£2 2 0
B. For each year's work and examination for the diploma, including the fee for a Principal Subject at the Elder Conservatorium - - - - -	63 0 0
C. For a supplementary examination in any subject of a year's work - - - - -	5 5 0
D. For the diploma - - - - -	5 5 0

XXV. FELLOWSHIP OF THE ELDER CONSERVATORIUM OF MUSIC

On entering for the examination - - - - -	£21 0 0
For the Fellowship - - - - -	10 10 0

XXVI. DEGREE OF BACHELOR OF MUSIC

A. For the entrance examination in the Theory of Music, if required - - - - -	£2 2 0
B. For each year's work and examination - - - - -	42 0 0
C. On entry for the final examination for either the Ordinary degree or the Honours degree - - - - -	10 10 0
D. For a supplementary examination in any subject of a year's work - - - - -	5 5 0
E. For admission to the degree - - - - -	5 5 0
F. For any subject of a year's work taken separately - - - - -	8 8 0

XXVII. DEGREE OF DOCTOR OF MUSIC

On presentation of the exercise - - - - -	£15 15 0
On entering for the Final Examination - - - - -	15 15 0
On admission to the degree - - - - -	10 10 0

XXVIII. DIPLOMA IN PUBLIC ADMINISTRATION

A. For courses from the Faculty of Arts and the Faculty of Economics: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Economics.	
B. For attendance (or re-attendance) at lectures and examination in Public Finance - - - - -	5 5 0
C. For a supplementary examination in Public Finance - - - - -	2 12 6
D. For the diploma - - - - -	5 5 0

XXIX. DIPLOMA IN PHARMACY

For the diploma - - - - -	£5 5 0
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XXX. DIPLOMA AND CERTIFICATE IN PHYSICAL EDUCATION

- A. For subjects taken in the Faculties of Arts and Science: the fees prescribed in the schedules for the degrees of Bachelor of Arts and Bachelor of Science.
- B. For the subjects included under Regulation 3 (b): £105 payable in two annual instalments of £52/10/- each.

C. Undergraduates may be admitted to the course of lectures in any theoretical subject without payment of fees, and a limited number to practical work on conditions prescribed by the Council.

D. For subjects taken separately:

Second-year Course:

Human Biology	-	-	-	-	-	£10	10	0
Hygiene	-	-	-	-	-	5	5	0
Body Mechanics	-	-	-	-	-	5	5	0
First Aid	-	-	-	-	-	1	1	0
Practice of Physical Education	-	-	-	-	-	5	5	0
History of Education	-	-	-	-	-	5	5	0
Practical Work, Part I	-	-	-	-	-	21	0	0

Third-year Course:

Human Physiology	-	-	-	-	-	10	10	0
Human Nutrition	-	-	-	-	-	5	5	0
Clinical Observation and Remedial Work	-	-	-	-	-	5	5	0
Principles of Physical Education	-	-	-	-	-	5	5	0
Physical Psychology	-	-	-	-	-	5	5	0
Practical Work, Part II	-	-	-	-	-	21	0	0

E. For each section of either part of the Practical Work	-	-	-	-	-	4	4	0
F. For the course in Practical Teaching	-	-	-	-	-	5	5	0
G. For a supplementary examination in any subject	-	-	-	-	-	5	5	0
H. For the Diploma	-	-	-	-	-	5	5	0

XXXI. DIPLOMA IN SOCIAL STUDIES

A. For subjects from the Faculties of Arts and Economics: the fees prescribed in the Schedules for the degrees of Bachelor of Arts and Bachelor of Economics.

B. For attendance (or re-attendance) at lectures and examination:

In Social Organisation	-	-	-	-	-	£5	5	0
In Human Nutrition	-	-	-	-	-	5	5	0
In the Principles and Practice of Social Work III	-	-	-	-	-	21	0	0
In each other subject	-	-	-	-	-	10	10	0

C. For the Diploma - - - - - 5 5 0

XXXII. DIPLOMA IN PHYSIOTHERAPY

A. For each year's work, including one annual examination - - - - - £63 0 0

B. For a supplementary examination in any subject - 5 5 0

C. For the Diploma - - - - - 5 5 0

Note.—The annual fee includes the fee of £1/5/- payable to the Royal Adelaide Hospital, and the fee of £1/1/- payable to the Adelaide Children's Hospital for admission to Hospital practice.

XXXIII. DEGREE OF BACHELOR OF ARCHITECTURE

A. For the Ordinary degree:

- (1) For each year's work, including one annual examination - - - - - £63 0 0
 (The annual fee will include the fee payable for a subject taken at the S.A. School of Mines and Industries.)
- (2) For a supplementary or special examination (theoretical or practical or both) in any subject 5 5 0
- (3) For subjects taken separately: £10 10 0 each up to a maximum of the annual fee of £63 for the full year's course

B. For the Honours degree:

For the additional Honours work and examination 21 0 0

XXXIV. DEGREE OF MASTER OF ARCHITECTURE

For work under the direction of a supervisor (if required or undertaken) - - - - - £26 5 0

On presentation or re-presentation of the thesis - - 10 10 0

On entry for any examination required - - - 10 10 0

On admission to the degree - - - - - 10 10 0

XXXV. DEGREE OF DOCTOR OF PHILOSOPHY

The following fees shall be paid in advance by candidates in such instalments as the Council may determine from time to time:

- A. For each term's work for the degree until submission of thesis - - - - - £8 15 0
- B. On submission of the thesis for examination - - 21 0 0
- C. On resubmission of thesis, including fees for any additional work required - - - - 31 10 0
- D. On admission to the degree - - - - - 10 10 0

XXXVI. DEGREE OF BACHELOR OF TECHNOLOGY

For attendance at lectures, practical work, thesis or other work and annual examination: those prescribed in the schedule of subjects for the degree.

RULES FOR THE UNIVERSITY LIBRARY

I. OPENING AND CLOSING OF THE LIBRARY.

The Library shall be open daily from 9 a.m. to 5 p.m., excepting Saturday afternoons, Sundays, public holidays, and such other times as the Council may direct that it shall be closed. It shall also be open on such evenings as the Library Committee may direct.

II. PERSONS ENTITLED TO USE THE LIBRARY.

1. The following persons shall be entitled to use the Library for reading purposes:—

Members, and past members, of the University Council.

Graduates of the University.

Members of the teaching staff of the University or Conservatorium, and members of any Faculty or Board of the University.

Officers of the administrative staff.

Students attending lectures at the University.

2. Other persons who are desirous of using the Library for the purposes of study may, on application to the Library Committee, be permitted to use it for a fixed period.

III. CONDUCT OF READERS.

1. Books are not to be removed from the Library, except as provided in Section IV.

2. After books have been taken from the shelves they are not to be returned thereto, but left on the tables.

3. Readers who interfere with the comfort of other readers, or cause damage in the Library, or disfigure any book, whether by writing or in any other way, may be excluded by the Librarian or officer in charge, and shall make good any damage caused; further, they may be deprived of the use of the Library for such time as the Council may determine.

IV. BORROWING OF BOOKS.

1. Members of the Council, Professors, full-time Lecturers, the Registrar, other senior members of the administrative staff, the Head and the Deputy Head of each affiliated College, and such other persons as the Council may from time to time approve, shall be entitled to borrow books from the Library.

2. Members of the teaching, research and administrative staffs, other than those named in Clause 1 of this section, graduates of the University, graduates of other universities recognised by the University of Adelaide, and such other persons as the Chairman of the Library Committee and the Librarian may from time to time approve, may borrow books other than periodicals, provided that they have lodged with the University Accountant a deposit of two pounds (£2) in security for the due return of books and payment of any fines or penalties that may be incurred. The deposit, subject to deductions aforesaid, shall be returned on application when the borrower no longer wishes to borrow from the Library. Graduates and such other persons as have been approved shall, in addition to lodging a deposit, pay an annual fee of £1 1s. 0d. They shall be entitled to borrow from the Barr Smith Library only.

A student who has paid the General Service Fee may, during the year for which it has been paid, borrow books other than periodicals without lodging a deposit.

Borrowing under this Rule shall be subject to the following special conditions:

- (i) No borrower shall be allowed to have in his possession more than six volumes belonging to the Library.
- (ii) Every book borrowed from the Library must be returned within fourteen days. The loan may be renewed once only for a further period of fourteen days at the discretion of the Librarian if in the meantime there has been no other application for the book.
If a borrower fails to comply with this rule he shall incur a penalty of twopence a volume for each day of detention beyond the specified time.
- (iii) Temporarily reserved books may be borrowed on a week-night between 8.30 p.m. and 9 p.m. until 9.15 a.m. on the following morning, and between 11 a.m. and 11.30 a.m. on a Saturday until 9.15 a.m. on the following Monday. A borrower failing to comply with this rule shall incur a penalty of one shilling a volume for each hour of detention beyond the specified time.

3. For each book borrowed a voucher must be filled in and deposited with the Librarian. No book may, in any circumstances, be taken out of the Library until a borrowing voucher has been given for it. Any infringement of this rule shall render the borrower liable to a fine of one pound.

4. Notwithstanding Rule 2 (ii) above, the Librarian may recall a book at any time, and thereupon the book shall be returned within three days. A fine of twopence a volume for each day of detention beyond the three shall be imposed.

All publications on loan from the Library shall be returned on a date to be fixed each year by the Chairman of the Library Committee and the Librarian so that the records may be checked. The Library shall be closed for borrowing during the period needed to complete the annual check.

5. Borrowers of books shall be held responsible for any loss, injury, mutilation, or disfigurement by writing or other marks, and shall be required to pay the full cost of replacing or repairing such books, and may also, at the discretion of the Council, be fined or suspended from the privileges of the Library.

6. So long as any fine remains unpaid, or so long as any person remains in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended.

7. Any book may be borrowed with the exception of works specially reserved; such books may be borrowed only by permission of the Library Committee. No book shall be borrowed until it has been in the Library seven days. Books may be borrowed until one hour before closing time on weekdays and until half an hour before closing time on Saturdays.

8. Periodicals, bound and unbound, shall be issued from the Library to those entitled to borrow under Section IV.1. Other members of the teaching staff (including full-time demonstrators), research fellows and research scholars may borrow bound and unbound periodicals on the conditions prescribed in Section IV.2. Honours and postgraduate students may borrow such bound volumes of periodicals as are approved by a professor or his deputy, but the approval must be given on a prescribed form in each case.

No periodical shall be borrowed until it has been in the Library seven days. No unbound periodical then borrowed for departmental circulation or for personal use may be retained for more than seven days.

9. Notwithstanding the foregoing rules, a variation may be made at any time by the Council.

V. RULES FOR THE CONSERVATORIUM LIBRARY

1. Teachers in the Conservatorium are entitled to borrow books or music from the Library. Students may borrow music on the written recommendation of a teacher, but must not have in their possession more than two copies at the same time.

2. In all other respects the foregoing rules of the University Library shall apply to the Conservatorium Library.

VI. RULES FOR THE MEDICAL AND LAW LIBRARIES

1. Medical graduates who are members of the British Medical Association (S.A. Branch) shall be entitled to use the Medical Library in accordance with the terms of the Agreement between the Branch and the University.

2. In all other respects the foregoing rules of the University Library shall apply to the Medical and Law Libraries.

Approved by the Council, December, 1956.

Amended, May, 1958.

LABORATORY RULES AND RULES APPLICABLE TO STUDENTS ON UNIVERSITY PREMISES

A. GENERAL

1. The attention of all students is drawn to the by-laws made under the University of Adelaide Act Amendment Act, which are published in the University Calendar and are exhibited on notice boards throughout the University.

2. The Head of a Department may exclude any student from any class in that Department for any cause he shall deem sufficient; and he shall report every such exclusion, and the grounds for it, to the Council through the Chairman of the Board of Discipline. The Council may reverse, vary or confirm the exclusion upon such terms as it shall think fit. The fees paid by any student so excluded shall not be refunded to him unless the Council shall otherwise determine.

3. The possession of fireworks, home-made explosives or explosive material of any kind on the University grounds or in any University building is forbidden.

B. LABORATORIES

1. For students taking regular courses involving laboratory work in the University an appropriate laboratory will be open daily during term time (Saturdays and holidays excepted) at such hours as shall be considered necessary by the Head of the Department concerned. Persons engaged in advanced work or original research may work at such additional times as the Head of the Department may arrange.

2. The facilities of a laboratory will also be made available for original research carried on by students or graduates not proceeding to a degree in the University at such times and under such conditions as the Head of the Department may determine; the fee for use of a laboratory and its facilities, and the charges for materials, to be determined in each case.

3. Whenever necessary and possible, each student will have a definite working place and locker or drawer assigned to him, which he may not change without permission. To avoid congestion, students should not move about the laboratories unnecessarily.

4. Paper and refuse of any kind must be placed in the receptacles provided for the purpose. No solid material of any kind shall be thrown into sinks.

5. Students are responsible for the cleanliness of their apparatus and work places or benches, which must be left clean and tidy after each practical session.

6. All preparations and equipment made from materials supplied by the University shall remain the property of the University.

7. Large or expensive pieces of apparatus will be supplied for use by students only on condition that any damage or breakage is to be made good by the student causing the damage or breakage, on such basis as the Head of the Department may determine.

8. No experiments of a dangerous nature may be performed without the express sanction of the Head of the Department concerned.

9. Any accident must be reported at once to the person currently in charge of the laboratory.

10. The Head of a Department may impose a fine not exceeding £2 for any breach of discipline, misconduct, misuse of apparatus or reagents, or waste of gas, water or electricity. He shall report in writing to the Registrar the amount of such fine, and the reason for it; and the fine shall be paid to the Registrar within seven days of the time of its imposition.

Approved by the Council, April, 1958.

LABORATORY TESTING

The Engineering Testing Laboratory is prepared to undertake all the usual physical tests on engineering materials, such as tests for the tensile, torsional, compressive, and shearing strengths of metals; determination of elastic constants, hardness, and elastic limit; the measurement of the transverse and compressive strengths of timbers, and the determination of the moisture content; tests for cement, and the examination of the suitability of different aggregates for concrete, and tests on the strength and porosity of concrete and other materials.

RULES OF THE NAPIER BIRKS ROOM

1. *Conduct of users*

The room is to be used for purposes of study only. Users must refrain from conduct which will interfere with the comfort of other users.

2. *Persons entitled to use the room*

The room is available for use by students enrolled for second-year or subsequent subjects.

3. *Times of use*

During the academic year the room will be open between 9 a.m. and 11 p.m. on Mondays to Fridays, and from 9 a.m. to 12 noon on Saturdays. At all other times the room will be open during such hours as the Dean of the Faculty of Economics may determine.

4. *Use of books, periodicals, statistical material*

All such material must be returned to the correct place after use.

In no circumstances may such material be removed from the room.

5. *Use of calculating machines*

Calculating machines may be used by students only with the permission of a member of the lecturing staff. Except that in the case of students presenting for Economic Statistics I, II or Final Honours, permission to use specific machines for the course of the year will be given by the lecturer. After use, machines must be cleared, switched off and covered, and the plugs must be removed from power-points.

6. *General*

Any student not observing the above rules shall be subject to disciplinary action.

Approved by the Council, October, 1958.

CALENDAR OF
THE UNIVERSITY OF ADELAIDE
FOR THE YEAR 1959.

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SYLLABUS OF SUBJECTS FOR DEGREE AND DIPLOMA COURSES FOR 1959

Students are expected to procure the latest edition of all text-books prescribed.

FACULTY OF ARTS.

CLASSICS

The editions of Greek and Latin texts mentioned below are not prescribed, but are indicated as suitable for the use of students.

ELEMENTARY GREEK (Preparatory course)

This course will not assume any previous knowledge of the language; and it will not be counted as one of the units required for the degree of B.A.

Students who pass in the examination at the end of this course will be eligible to take Greek I in a subsequent year.

The following books will be used:

Walters, C. F., and Conway, R. S., *Deigma* (John Murray).
Worth, J. G., *Pallas Athene* (C.U.P.).

GREEK

There are three courses in Greek for the ordinary degree of Bachelor of Arts: they are designated Greek I, Greek II, and Greek III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Greek I until he has passed in Elementary Greek or in Greek at the Leaving Examination, or the course in Greek II until he has passed the final examination in Greek I, or the course in Greek III until he has passed the final examination in Greek II.

Every student taking a course in Greek should have a Greek-English lexicon and a Greek grammar.

The subjects of examination are as follows:

1. Greek I.

- (a) Prose composition (Sidgwick, *Greek Prose Composition*, Longmans, Green, will be used).
- (b) Unprepared translation.
- (c) Homer, *Iliad*, book XXIV (ed. Edwards, C.U.P.).
Herodotus, book VI (ed. Shuckburgh, C.U.P.).
Euripides, *Bacchae* (ed. Dodds, O.U.P.).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

2. Greek II.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Aeschylus, *Agamemnon* (ed. Denniston and Page, O.U.P.).
Thucydides, book II (ed. Marchant, Macmillan).
Aristophanes, *Acharnians* (ed. Graves, C.U.P.).
The Attic Orators (Selections, ed. Jebb, Macmillan).
- (d) Greek history 499-404 B.C., with special reference to the lectures given.

3. Greek III.

- (a) Prose composition.
 - (b) Unprepared translation.
 - (c) Plato, *Republic*, book X (ed. Ferguson, Methuen), in addition to the books prescribed for Greek II.
 - (d) Greek history 594-404 B.C., with special reference to the lectures given.
 - (e) Greek society.
- Students should read Kitto, *The Greeks* (Pelican).

LATIN

There are three courses in Latin for the ordinary degree of Bachelor of Arts; they are designated Latin I, Latin II, and Latin III. Except with special permission to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in Latin I until he has passed in Latin at the Leaving Examination, or the course in Latin II until he has passed the final examination in Latin I, or the course in Latin III until he has passed the final examination in Latin II.

Every student taking a course in Latin should have a Latin-English lexicon and a Latin grammar.

The subjects of examination are as follows:

5. Latin I.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) *Catullus* (Selections, ed. Kinchin Smith and Melliush, Allen and Unwin).
Caesar, *de bello Gallico*, book VII (ed. Whiteley, Macmillan).
Virgil, *Georgics*, book I (ed. Page, Macmillan).

Passages will be set for translation and comment, and questions will be asked on the content and background of these books.

6. Latin II.

- (a) Prose composition (Hardie, *Latin Prose Composition* (Arnold) will be used).
- (b) Unprepared translation.
- (c) Terence, *Andria* (ed. Shipp, O.U.P.).
Sallust, *Jugurtha* (ed. Smedley, Blackwood).
Ovid, *Metamorphoses*, book I (ed. Lee, C.U.P.).
A book of Latin letters (ed. Levens, Methuen).
- (d) The history of the later Republic (202-27 B.C.), with special reference to the lectures given.

7. Latin III.

- (a) Prose composition.
- (b) Unprepared translation.
- (c) Virgil, *Aeneid*, book IV (ed. Austin, O.U.P.) in addition to the books prescribed for Latin II.
- (d) The history of the early Empire (27 B.C.-138 A.D.), with special reference to the lectures given.
- (e) Roman society.
Students should read *Cicero and the Roman Republic* (Cowell, Pelican) and *Daily life in ancient Rome at the height of the Empire* (Carcopino, Pelican).

8. Ancient History.

The course consists of about 52 lectures, comprising 18 lectures on the history of Greece from 594 to 404 B.C., 18 lectures on the history of the Roman Republic from 202 to 27 B.C., and 16 lectures on the history of the Roman Empire from 27 B.C. to 138 A.D.

The course is intended to introduce students to ancient history, whatever their other studies may be, and no knowledge of Greek or Latin is necessary.

A student cannot count as units towards his degree both Ancient History and any of the following: Greek II, Greek III, Latin II, Latin III.

9. Comparative Philology.

No student may attempt this course unless he has passed in Latin I. The course deals mainly with the Indo-European language group, but includes about 10 lectures on phonetics and general linguistic history and about 20 on elementary Greek. It is designed also to serve as a general introduction to linguistic study.

Text-books:

- (a) Elementary Greek:
Smith, F. Kinchin, and Melliush, T. W., *Teach yourself Greek* (E.U.P.).
- (b) Phonetics:
Ward, I. C., *The phonetics of English* (Heffer).
- (c) Comparative Philology:
Buck, C. D., *Comparative grammar of Greek and Latin* (Chicago U.P.).

11. Classics for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course. The examination will consist of the following papers, each of which will be set for three hours:

- (a) Greek Prose Composition. Two compositions will be required.
- (b) Latin Prose Composition. Two compositions will be required.
- (c) Passages for translation into English from Greek prose authors and poets.
- (d) Passages for translation into English from Latin prose authors and poets.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (e) Greek and Latin Literature.

Sixteen questions will be set on the works of Greek and Latin authors, and candidates will be required to attempt five, taking not more than three from either section of the paper. Wide reading among classical authors will be needed.

- (f) Greek and Roman History.

Candidates will have the choice between the following periods:

Greek: *Either* 499-411 B.C. *or* 411-323 B.C.

Roman: *Either* 82 B.C.-14 A.D. *or* 27 B.C.-69 A.D.

Eight questions will be set on each period for which there are candidates. A total of five questions must be attempted, not more than three being taken from either of the periods chosen. Some acquaintance will be needed with the ancient sources.

- (g) Greek and Roman society, thought and religion.

Sixteen questions will be set, of which candidates will be required to attempt five, taking not more than three from either section of the paper.

Optional papers in Greek and Latin verse composition will be available, and credit will be given for merit shown in them. Proficiency in Greek and Latin verse composition will be denoted by the letters G and L respectively following a candidate's name in the class list.

12. Latin for the Honours Degree of B.A.

Candidates are recommended to commence Honours work early in their course.

The examination will consist of the following papers, each of which will be set for three hours:

- (a) Latin Prose Composition. Two compositions will be required.
- (b) Latin Verse Composition. Two compositions will be required.*
- (c) Passages for translation into English from Latin prose authors.
- (d) Passages for translation into English from Latin poets.

In papers (c) and (d) credit will be given for style as well as accuracy of translation.

- (e) Latin Literature.

Sixteen questions will be set on the works of Latin authors, and candidates will be required to attempt five. Wide reading among Latin authors will be needed for this paper.

- (f) Roman History.

Candidates will have the choice between the periods (i) 133 B.C. to 14 A.D. and (ii) 27 B.C. to 117 A.D. Sixteen questions, of which five must be attempted, will be set on each period for which there are candidates. Some acquaintance will be needed with the Latin sources for the period chosen.

- (g) Roman society, thought and religion.

Sixteen questions will be set, of which candidates will be required to attempt five.

* Paper (b) will be optional, but credit will be given for merit shown in it. Proficiency in Latin Verse composition will be denoted by the letter L following a candidate's name in the class list.

13. Classics for the Degree of M.A.

The examination will be in the following subjects, of which candidates must take at least one and not more than two:

- (a) Literature.
- (b) Philosophy.
- (c) History.
- (d) Language.

A thesis on a subject approved by the Faculty of Arts may be accepted in place of part or the whole of the above examination.

MODERN LANGUAGES

ENGLISH LANGUAGE AND LITERATURE

There are three courses in English for the Ordinary degree of Bachelor of Arts: English I, English II, and English III. No student proceeding to a degree may, without special permission, take Course II until he has passed the final examination in Course I, or take Course III until he has passed the final examination in Course II. A paper in the History of English Literature, recapitulating the work done in Courses I, II, and III, will be set as part of the final examination for Course III.

21. English I.

- I. The history and structure of the English language; English composition and style.
 - Potter S., *Our language* (Pelican) or Wrenn, C. L., *The English language*.
 - Gowers, E., *The complete plain words* (H.M.S.O.).
- II. A critical study of the main types of English literature at various periods, with a detailed knowledge of the following books:
 - A. Poetry:
 - Chaucer, *The Pardoner's prologue and tale; The Franklin's prologue and tale*.
 - Milton, *Shorter poems*, ed. B. A. Wright (Scholar's Library).
 - Gray and Collins, *Poems* (O.S.A. edition).
 - Coleridge, *Poems and prose*, ed. K. Raine (Penguin Poets).
 - Seven centuries of poetry*, ed. A. N. Jeffares.
 - The Penguin book of Australian verse*.
 - B. Drama:
 - Marlowe, *Doctor Faustus*.
 - Shakespeare, *Much ado about nothing; Othello*.
 - Jonson, *The alchemist*.
 - Synge, *The playboy of the western world*.
 - C. Novel:
 - Fielding, *Tom Jones*.
 - Eliot, *Adam Bede*.
 - Butler, *The way of all flesh*.
 - Lawrence, *Sons and lovers*.
 - D. Prose:
 - Three Elizabethan pamphlets*, ed. G. Hibbard.
 - Swift on his age*, ed. C. J. Horne.
 - English critical essays: twentieth century* (World's Classics).
- Recommended:
 - Legouis, E., *A short history of English literature*.
 - Trevelyan, G. M., *English social history*.
 - A guide to English literature* (Pelican).

22. English II.

English literature of the seventeenth and eighteenth centuries, with a detailed knowledge of the following books:

A. Seventeenth century literature:

The Oxford book of seventeenth century verse (O.U.P.).

Bacon, *The new Atlantis*.

Milton, *Poems; Areopagitica*.

Dryden, *Poems; Essay of dramatic poesy; All for love*.

Restoration Plays (Everyman): *The man of mode; The way of the world; The beaux-stratagem*.

B. Eighteenth century literature:

The Oxford book of eighteenth century verse (O.U.P.).

Addison, *Essays*, ed. J. R. Green.

Swift, *Gulliver's travels; A modest proposal*.

Defoe, *Moll Flanders*.

Pope, *Poems, epistles and satires* (Everyman).

Richardson, *Pamela*.

Fielding, *Joseph Andrews*.

Sterne, *A sentimental journey*.

Smollett, *Humphry Clinker*.

Goldsmith, *The vicar of Wakefield; She stoops to conquer*.

Sheridan, *The school for scandal*.

Shorter novels: eighteenth century (Everyman).

Blake, *Songs of innocence and experience*.

C. Johnson, for special study:

Prose and poetry, ed. M. Wilson.

Recommended: *Seven centuries of poetry*, ed. A. N. Jeffares.

23. English III.

English literature of the nineteenth and twentieth centuries; Australian literature; Shakespeare; history and principles of literary criticism; history of English literature.

A detailed knowledge of the following books will be required:

A. Poetry:

The poems of Wordsworth, Byron, Tennyson, Yeats.

The Penguin book of contemporary verse, ed. K. Allott.

Seven centuries of poetry, ed. A. N. Jeffares.

B. Prose:

Austen, *Emma*.

Peacock, *Nightmare Abbey*.

Disraeli, *Sybil*.

Dickens, *Martin Chuzzlewit or Bleak House*.

Arnold, *Culture and anarchy*.

Eliot, *Middlemarch*.

Hardy, *Tess of the d'Urbervilles*.

Forster, *A passage to India*.

Joyce, *Portrait of the artist as a young man*.

Lawrence, *The rainbow*.

C. Australian literature:

The Penguin book of Australian verse.

Kingsley, H., *Geoffrey Hamlyn*.

Richardson, H. H., *The fortunes of Richard Mahony*.

Boyd, M., *A difficult young man*.

White, P., *Voss*.

Students will be expected to acquaint themselves with the contemporary situation in Australian literature. One lecture will be given on new books of the year.

D. Shakespeare:

Selected tragedies.

E. History and principles of literary criticism:

Aristotle, *Poetics*.*English critical essays, 16th-19th centuries*, 2 vols. (World Classics).

F. History of English literature.

The relevant lectures in English I, English II, and English III.
Reading in the Oxford and Cambridge histories of English literature
and such other works as may be suggested in supplementary reading
lists issued to students in the course of their third year work.

28. English Language and Literature for the Honours Degree of B.A.

Candidates adopting *Scheme A* will take the following papers (see comment below) (i)-(x), omitting one of the following, (vi), (vii) or (viii). Candidates adopting *Scheme B* will take papers (iii)-(xi) inclusive; but for paper (vi) or (vii) any one of the following papers may be substituted, (xii), (xiii) or (xiv). Substitutions or omissions should be made only after consultation with the Professor. In each case the course extends over three years and is normally entered upon in the second year at the university.

(i) Old English, with a general study of the prose and poetry before 1066.

For special study:

Beowulf, ed. F. Klaeber.*The dream of the rood*, ed. B. Dickins and A. S. C. Ross.

(ii) Middle English.

For special study:

Dickins, B., and Wilson, R. M. (eds.), *Early Middle English texts* (Bowes and Bowes).Sisam, K. (ed.), *Fourteenth century verse and prose*.

(iii) History of the English language.

(iv) Chaucer to Dunbar.

(v) Shakespeare and the Elizabethan drama.

(vi) Skelton to Milton.

(vii) Dryden to Blake.

(viii) Wordsworth to the present day.

(ix) Literary criticism: passages for comment.

(x) History and principles of literary criticism.

(xi) Essay.

(xii) Australian literature.

(xiii) American literature.

(xiv) Canadian or other Commonwealth literature.

Candidates will be required to attend classes and show satisfactory progress in Old and Middle English I and II before presenting themselves for examination in either of the subjects numbered (i) and (ii) above.

The John Howard Clark Prize is awarded on the results of the final Honours examination in English Language and Literature. For particulars of the prize, see Statutes, Chapter XIV.

29. English Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in English Language and Literature are advised to take the earliest opportunity of consulting the Professor about their courses.

Candidates who wish to qualify for the degree of M.A. under regulation 2(b) are required in their preliminary examination to follow either *Scheme C* or *Scheme D*; each course covers two years' work and must be completed within that period unless an extension is granted. Details of the Final Honours papers are shown in syllabus no. 28 above.

Scheme C: English Literature and Language.

1. (a) Final Honours paper (xi).

(b) Two papers, to be selected from Final Honours papers (i)-(viii).
These three papers must be taken at the end of the first year's study.

2. (a) Final Honours paper (ix).

- (b) Two Final Honours papers not taken in the previous year, to be selected from Final Honours papers (i)-(viii). But *one* paper selected from Final Honours papers (xii), (xiii) or (xiv) may be substituted for one of the two papers to be selected from (i)-(viii).

These three papers must be taken at the end of the second year's study.

Scheme D: Australian Literature.

1. (a) Final Honours papers (viii), (xi) and (xii).

These papers must be taken at the end of the first year's study.

2. (a) Final Honours paper (ix).

- (b) Australian History.

- (c) Special subject in Australian, New Zealand, Canadian or other Commonwealth Literature, or in American Literature.

Students who have taken a satisfactory Honours degree or have qualified under *Scheme C* or *Scheme D* are required to write a thesis, concerning the subject of which they should consult the Professor as early as possible, and should be prepared to submit the subject for the approval of the Faculty not later than the end of March in the year in which the thesis is to be presented.

FRENCH LANGUAGE AND LITERATURE.

There are three courses in French for the ordinary degree of Bachelor of Arts; they are designated French I, French II and French III. Each course consists of both oral and written sections, which must both be passed before the course may be counted as a unit towards a degree. In French I there will be two pass standards, a higher and a lower. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in French I until he has passed in French at the Leaving Examination, or the course in French II until he has passed the final written examination in French I at the higher standard, or the course in French III until he has passed the final written examination in French II.

Students in French I, French II and French III are required to attend lectures throughout the year, and to write essays and exercises to the satisfaction of the lecturer. They are required also to attend group-tutorials for exercises in oral French, and to present themselves for an oral examination. In French II and French III the lectures on the literature may be given in French, and in the final examinations candidates are required to answer in French all questions on literature. Students who are exempted from attendance at lectures are required at some time during their course to present themselves for an oral examination, by special arrangement with the Professor. In no circumstances may students in French I be exempted from attendance at lectures and tutorials.

Subjects of examination in 1959:

31. French I.

(a) Free composition in French and translation from English into French.

Prescribed books:

Pryce and Foster, *French prose composition for sixth forms* (Harrap).

Mansion, *A grammar of present-day French, with exercises* (Harrap).

For reference:

Loubet, *La Technique de la composition française* (Paris, Maynard); or Vannier, *La clarté française: pour composer, pour écrire, pour se corriger* (Paris, Nathan).

Grevisse, *Le bon usage* (Paris, Geuthner).

Hanse, *Dictionnaire des difficultés grammaticales et lexicologiques* (Amiens, Editions Scientifiques et Littéraires).

Harrap's *Standard French and English Dictionary*, Vols. 1 and 2.

Charles Petit, *Dictionnaire français-anglais et anglais-français*, Vols. 1 and 2 (Paris, Hachette).

Lacroix, *Dictionnaire des mots et des idées* (Paris, Nahan).

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Marks, *French literary passages* (Dent).Cornell, *Cinq Maîtres du conte français* (Shakespeare Head Press).Romain, *Knock* (Longmans).

(c) Orals.

Prescribed books:

Molière, *Le bourgeois gentilhomme* (ed. Wilson; Harrap).Marks, *op. cit.*Romain, *op. cit.*

For reference:

Fouché, P., *Traité de prononciation française* (Klincksieck).Grammont, *Traité pratique de prononciation française* (Delagrave).Grammont, *Petit traité de versification française* (Colin).

(d) Outline history of French Literature.

For reference:

Plinval, *Précis d'histoire de la littérature française* (Hachette) orVan Tieghem, *Histoire de la littérature française* (Fayard).Jasinski, *Histoire de la littérature française*, Vols. 1 and 2 (Boivin).

(e) Explication de textes.

Prescribed books:

Corneille, *Cinna* (Classiques Larousse).Marks, *op. cit.*

For reference:

Pouget, *L'Explication française au baccalauréat* (Hachette).Crouzet et Desjardins, *Méthode française et Exercices illustrés*, Vol. 3 (Paris, Didier).

(f) Elementary geography of France; History of French civilisation; Contemporary French life and culture.

For reference:

Huby, *Cours d'histoire*, Vols. 1-5 together with,Lacour and Gayet, *La France au XXe siècle* (Hachette).Graeme Ritchie (Ed.), *France: a companion to French studies* (Methuen); or Roe, *Modern France: an introduction to French civilisation*, (Longmans); or Parker and Grigaut, *Initiation à la culture française* (New York, Harper); or Rambaud, *Histoire de la civilisation française and Civilisation contemporaine* (Paris, Colin).*Nouveau Larousse Universel* (2 vols.).

The M. Rees George Prize, of the value of £6, is awarded annually to the matriculated or graduate woman student who wins the highest place in the annual examination in French I (both written and oral sections), provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

32. French II

(a) Free composition in French and translation from English into French.

Prescribed book:

Ritchie, *A new manual of French composition* (C.U.P.).

For reference: As for French I, together with:

Hatzfeld, Darmesteter et Thomas, *Dictionnaire général de la langue française*, 2 vols.Bailly, *Dictionnaire des Synonymes* (Larousse).Maquet, *Dictionnaire analogique* (Larousse).*Le Larousse du XXe siècle*, 6 vols.

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Du Bellay, *Œuvres choisies* (Classiques Larousse).Saint-Simon, *Mémoires* (Classiques Larousse).Voltaire, *Choix de contes* (ed. Green; C.U.P.).

(c) Orals.

(d) Literature: From 1550 to 1800.

Questions for special study in 1959:

Term I: Le théâtre de Molière.

Term II: La Fontaine et l'art de la fable.

Term III: Le conte philosophique.

Prescribed books:

Lagarde et Michard, *XVI^e Siècle* (from p. 91), *XVII^e Siècle* and *XVIII^e Siècle* (Paris, Bordas).

For reference:

Bédier-Hazard-Martino, *Histoire illustrée de la littérature française*, 2 vols.Jasinski, *Histoire de la littérature française*, 2 vols. (Boivin).Saulnier, *La littérature française*, (1) *de la Renaissance*, (2) *du siècle classique*, (3) *du siècle philosophique*, 3 vols. (Collection "Que sais-je?"; Paris, Presses universitaires).Green, *The ancien régime* (Edinburgh U.P.).Lough, *Introduction to seventeenth century France* (Longmans).Funk-Brentano, *L'ancien régime* (Paris, Flammarion).Bornecque, *La France et sa littérature*, tome I (Lyon, Editions I.A.C.).Bénac, *Vocabulaire de la dissertation* (Hachette).Cayrou, *Le français classique* (Didier).Haase, *Syntaxe française du XVII^e siècle* (Delagrave).Grente, *Dictionnaire des lettres françaises* (XVI^e et XVII^e siècles), 2 vols.

(e) Explication de textes.

Prescribed books:

Molière, *Le Tartuffe* (Classiques Larousse).La Fontaine, *Selected fables* (ed. Hugon; O.U.P.).Marivaux, *Le jeu de l'amour et du hasard* (ed. Shackleton; Harrap).

For reference:

Crouzet and Desjardins, *op. cit.* or Rudler, *L'explication française* (Paris, Colin).

33. French III.

(a) Free composition in French and translation from English into French.

Prescribed book:

Kastner and Marks, *A new course of French composition*, Book III (Dent).

For reference: As for French I and II.

(b) Translation of unseen and prescribed French texts into English.

Prescribed books:

Balzac, *Eugénie Grandet* (ed. Allem; Garnier).Flaubert, *Trois contes* (ed. Maynial; Garnier).Romain Gary, *Les Racines du ciel* (Gallimard).

(c) Orals.

(d) Literature: The nineteenth and twentieth centuries.

Questions for special study in 1959:

Term I: Le monde de Balzac.

Term II: Le Parnasse.

Term III: L'œuvre de Saint-Exupéry.

Prescribed books:

Lagarde et Michard, *XIX^e Siècle* and *XX^e Siècle* (Paris, Bordas).

For reference:

Thibaudet, A., *Histoire de la littérature française de 1789 à nos jours* (Stock).Saulnier, *La littérature française du siècle romantique* (Presses universitaires).Clouard, *Histoire de la littérature française du symbolisme à nos jours*, 2 vols. (Albin Michel).Bornecque, *La France et sa littérature*, tome II (Lyon, Editions I.A.C.).

(e) Explication de textes.

Prescribed books:

Musset, *Il ne faut jurer de rien* (Classiques Larousse).Parnée, *Twelve French poets—1820 to 1900* (Longmans).Saint-Exupéry, *Terre des hommes* (ed. Shuffrey; Heinemann).

The Violet de Mole prize, of the value of five guineas, is awarded annually to the matriculated or graduate student who wins the highest place in the annual examination in French III (written and oral sections), provided that the candidate is of sufficient merit. The rules governing the prize are published in the appropriate section of the calendar.

35. Old and Middle French I.

- (a) Outline of the history of the French language; historical phonetics: morphology and syntax of Old and Middle French.

Prescribed book:

Brunot et Bruneau, *Précis de grammaire historique de la langue française* (Paris, Masson), pp. vi-xxvii, 1-95, 180-363, 395-403, 467-492, 507-520.

- (b) Outline of the history of French literature up to 1500.

Prescribed book:

Decahors, *Histoire de la littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).

- (c) Translation of prescribed texts into English with simple linguistic commentary in English.

Prescribed book:

Ferran et Decahors, *Morceaux choisis de Littérature française; le Moyen Age* (Paris, Les Editions de l'Ecole).

This course will be taken by the student in his second year at the University.

36. Old and Middle French II.

- (a) Historical French grammar, i.e., phonetics, morphology, syntax.

Prescribed book:

Brunot et Bruneau, *Précis de grammaire historique de la langue française* (Paris, Masson).

- (b) Old and Middle French literature, with special reference to narrative verse and the theatre.

- (c) Translation of prescribed texts, with advanced linguistic commentary.

Prescribed books:

La Chanson de Roland (ed. Whitehead; Blackwell).*Aucassin et Nicolette* (ed. Roques; Paris, Champion).*Le Mystère d'Adam* (ed. Studer; Manchester U.P.).Adam Le Bossu, *Le Jeu de Robin et Marion* (ed. Langlois; Paris, Champion).*Maître Pierre Pathelin* (ed. Holbrook; Paris, Champion).Robert Garnier, *Les Juifves* (ed. Hervier; Paris, Garnier).

This course will be taken by the student in his third year at the University.

The lectures will be given in French.

38. French Language and Literature for the Honours Degree of B.A.

Students will be required:

- (i) to pass in French I, French II, and French III, as prescribed for the Ordinary degree.
- (ii) to do additional Honours work in the second and third years;
- (iii) to pass in Old and Middle French I and II, as set out above;
- (iv) to devote the fourth year to Honours work in literature and philology.

Under (iv), the following texts are prescribed: Villon, *Œuvres* (ed. Longnon-Foulet; Champion); Rabelais, *Gargantua and Pantagruel*, 2 vols (ed. Plattard; Paris, Les Belles Lettres); Montaigne, *Selected essays* (ed. Tilley-Boase; Manchester U.P.).

Under (ii) and (iv), three essays, to be written in French, will be set in each year on subjects drawn from the reading courses set out in the 1955 Calendar, pp. 563-565.

In their second, third and fourth years Honours students shall attend special weekly tutorials and perform the exercises there prescribed, these being mainly advanced *Exposés* and *Explications de textes* based both on the work for the Ordinary Degree and on the Honours reading lists (see 1955 Calendar, pp. 563-565). In this connexion, students should make themselves familiar with the following basic manuals:

- Dupouy, *Géographie des lettres françaises* (Colin).
 Genest, *Dictionnaire des citations françaises* (Nathan), or
 Guerlac, *Les citations françaises* (Colin).
 Ousset, Vier et Guérin, *Recueil de pages françaises*, 5 vols. (Paris, Les Elites françaises).
 Bouvier-Jourda, *Guide de l'étudiant en littérature française* (Presses universitaires).
 Marouzeau, J., *Lexique de terminologie linguistique* (Geuthner).
 Curtius, *Essai sur la France* (Grasset).
 Germain, *L'art de commenter (une tragédie, une épopée, etc. . .)*, 7 vols. (Foucher).
 Marouzeau, *Précis de stylistique française* (Masson).
 Cressot, M., *Le style et ses techniques* (Presses universitaires).
 Mornet, *Histoire de la clarté française* (Payot).
 Le Bidois, G., et Le Bidois, R., *Syntaxe du français moderne*, 2 vols. (Picard).

The final examination will comprise the following papers:

- (a) Translation into French.
- (b) Translation of seen and unseen passages from French into English.
- (c) French philology.
- (d) Translation of seen and unseen passages of Old and Middle French into English.
- (e) Literature I.
- (f) Literature II.
- (g) Literature III.

Papers (c), (e), (f), (g) will be answered in French.

There will be an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

For students who combine French with another subject for the Honours degree of B.A. the final examination will comprise either papers (a), (b), (c), (d) and (e) or papers (a) and (b) and any two of papers (e), (f) and (g); and in either case an oral examination comprising tests in reading, conversation, dictation, phonetics and *explication de textes*.

In their second year they will be required to pass in Old and Middle French I.

In their third year they will be required either to pass in Old and Middle French II or to write three essays on questions concerning French literature from 1550 to the present day. These essays will be related as far as possible to the current work in the subject with which French is combined.

In their final year they shall write three more advanced essays on the literature of the past four centuries; but those who have passed in Old and Middle French II may elect instead to do the fourth year course in Old and Middle French literature and French philology and write one essay on a question taken from French literature from its beginnings up to 1600.

In all three years they shall attend the weekly Honours tutorials and perform the exercises connected therewith.

39. French Language and Literature for the Degree of M.A.

Candidates for the degree of M.A. in French Language and Literature are advised to consult the Professor at the earliest opportunity.

Those who seek to qualify for candidature under regulation 2 (b) are required, at the outset of their preparatory course, to satisfy the examiner in a translation and oral test (excluding *explication de textes*), equivalent in standard to papers (a) and (b) and the oral test of the final examination for the Honours degree of B.A. On their completion of the preparatory course they shall take papers (c), (d), and any two of (e), (f), and (g) of the final examination for the Honours degree of B.A. and be tested for *explication de textes*.

GERMAN

There are four courses in German for the Ordinary degree of Bachelor of Arts: they are designated German IA, German I, German II and German III. Except with special permission, to be obtained in writing from the Registrar, no student proceeding to a degree may take the course in German I until he has passed in German at the Leaving Examination or take the course in German II until he has passed the final examination in German IA or I, or the course in German III until he has passed the final examination in German II. There are no prerequisites for the German IA course, but the annual examination for this course will be in February of the year following the year in which the course is given, in order to give the students taking it time to read intensively after they have mastered the language.

Candidates are required to attend tutorial classes.

All students are expected to attend the Deutscher Verein, which meets periodically throughout the academic year, and the Goethe Society of South Australia which meets on the third Wednesday of each month.

40. German IA.

This is a special course designed to teach those who have no knowledge of German; it takes them in one year to the level of German I. In the first term there will be four hours' language work a week and a further class designed to introduce the German background, geography, cultural history and social institutions. In the second and third terms this class will be introduced to the history and criticism in *English* of German Literature. During the third term students will begin the study of the texts set for German I literature study: this work is to be continued over the vacation until the examination in the following February, at the time of the University supplementary examinations.

Set books:

(a) Language work: For 1st term:

The German Department's Rapid Course (to be obtained from the Department).

Muegge, M. A., *German word-frequency vocabulary* (Pitman).

12 *Erzählungen für Anfänger* (Bell).

For 2nd term:

Russon, L. J., *Complete German course* (Longman).

Etwas zum Lachen (Bell).

Hie und da (Bell).

(b) Robertson, J. G., *History of German literature*.

Goethe, *Urfaust* (Macmillan).

Lessing, *Minna von Barnhelm* (Macmillan).

Keller, *Romeo und Julia auf dem Dorfe* (Harrap).

Hauptmann, *Bahnwärter Thiel* (Blackwell).

Oxford book of German verse, Nos. 101-2, 104, 114, 117, 145, 147-8, 213, 220, 228, 268, 272-4, 292, 294, 323, 325, 338, 346, 427, 430, 432, 434, 478, 480, 484, 507, 511, 513.

Oxford book of German prose, Nos. 20, 31, 47, 55, 62-3, 76-84, 87-8, 102, 146, 157, 159, 176, 187-9, 191-2, 200, 205, 208-9, 217-9, 220-2, 224, 227, 237, 243-4, 246.

41. German I.

(a) Translation from German into English and from English into German; this includes unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.

(b) An introduction to German life and culture. Class lectures are given once a week.

Text-books:

Natan, A., *Neues Deutschland* (Macmillan).

Aus altdeutscher Zeit, vols 1 and 2 (Klett, Stuttgart).

Students are expected to buy these books.

In addition, those students who wish to do so may buy Flenley, R., *History of German*, which will also be used as a text-book. There is a limited number of these available for short-term loan from the Department.

- (c) Study of selected German texts: class lectures in textual explanation of these are given once a week.

Text-books:

Lessing, *Minna von Barnhelm* (Macmillan).
 Goethe, *Urfaust* (Macmillan).
 Keller, *Romeo und Julia auf dem Dorfe* (Harrap).
 Hauptmann, *Bahnwärter Thiel* (Blackwell).
Oxford Book of German verse, Nos. 101-2, 104, 114, 117; 145, 147-8; 213, 220, 228; 268, 272-4, 292, 294; 323, 325, 338, 346; 427, 430, 432, 434; 478, 480, 484; 507, 511, 513.
Oxford Book of German prose, Nos. 20, 31, 47, 55, 62-3, 76-84, 87-8, 102, 146, 157, 159, 176, 187-9, 191-2, 200, 205, 208-9, 217-9, 220-2, 224, 227, 237, 243-4, 246.

Lists of background books recommended for reading in conjunction with the above courses will be issued at the first class-meeting.

Students intending to continue with further years of German or to take German Honours are required to buy the two Oxford Books and also a good History of German Literature, either J. G. Robertson (in English), or F. Martini (in German).

- (d) Candidates must satisfy a conversation test. Oral practice is given in the tutorial classes and students will be judged in their final examination results on the year's performance as a whole. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and Goethe Society. Notices of these meetings are posted in the Department.

42. German II.

- (a) Translation from German into English and from English into German, including unseen passages as well as passages from set texts. Classes in grammar and composition are held once a week.
- (b) The German Novelle, 1880-1950. Class lectures are given.

Books set for study:

Goethe, *Novelle* (Insel).
 Tieck, *Der blonde Eckbert* (Reclam or Blackwell).
 Brentano, *Geschichte vom braven Kasperl* (Reclam or Blackwell).
 Gotthelf, *Die schwarze Spinne* (Reclam or Blackwell).
 Droste-Hülshoff, *Die Judenbuche* (Harrap or Insel).
 Stifter, *Bergkristall* (Harrap or Insel).
 Grillparzer, *Die arme Spielmann* (C.U.P.).
 Keller, *Kleider machen Leute* (Harrap).
 Die drei gerechten Kammacher (Harrap).
 Das Fähnlein der sieben Aufrechten (Reclam).
 Storm, *Renate* (Reclam).
 In St. Jürgen (Dent).
 Der Schimmelreiter (Methuen).
 Schnitzler, *Der blinde Geronimo* (Harrap).
 Mann, *Tonio Kröger* (Blackwell).
 Kafka, *Die Verwandlung* (Fischer P.B. No. 19).
 Zweig, S., *Vier Novellen* (Harrap).

These short stories should be purchased. The editions recommended are usually educational editions with notes and vocabulary.

- (c) History of German Literature from 1780-1805. Class lectures are given.

Text-books:

The Oxford books and a history of German literature, as in German I.

Books set for study:

Lessing, *Emilia Galotti* (Blackwell or Harrap).
 Von deutscher Art und Kunst, ed. Purdie (O.U.P.).
 Leisewitz, *Julius von Tarent*, any available edition.
 Goethe, *Götz von Berlichingen* (Macmillan).
 Iphigenie (O.U.P. or Nelson).
 Wilhelm Meisters Lehrjahre, Books 1-3, any edition.
 Faust, Part I (Harrap).

Schiller, *Kabale und Liebe* (Blackwell).

Wallenstein (Blackwell).

Naive und sentimentalische Dichtung (Blackwell).

Lists of background books recommended for reading in conjunction with the above courses will be issued at the first class-meeting. Certain extra texts will be issued in duplicated form.

- (d) Candidates must satisfy a conversation test. Oral practice is given in tutorial classes. Attention is once more drawn to the practice afforded by meetings of the Deutscher Verein and the Goethe Society. Notices of these meetings are posted in the Department.

43. German III.

- (a) Translation from English into German and German essay. Translation from German into English and stylistic appreciation. There will be two separate two-hour examination papers, one for translation and stylistic appreciation, and one for the essay.

Recommended for general study:

Kutscher, *Stilkunde der deutschen Dichtung* (1951).

Reiners, *Stilkunst* (1950).

- (b) History of German literature in the 19th century. Class lectures are given. Books set for reading:

Novalis, *Three works*, ed. B. Rowley (C.U.P.).

Hoffmann, *Der goldene Topf* (Blackwell).

Heine, *Harzreise* (Harrap).

Kleist, *Prinz von Homburg* (Macmillan).

Grillparzer, *König Ottokars Glück und Ende* (Blackwell).

Heibel, *Maria Magdalena* (Blackwell).

Raabe, *Pfisters Mühle* (Duckworth).

Hauptmann, *Die Weber* (C.U.P.).

Fifteen German poets, ed. Steinberg (Macmillan).

- (c) German Kulturgeschichte from 1815 to the present day.

Books set for reading:

Mann, T., *Adel des Geistes*.

Hofmannsthal, *Wert und Ehre deutscher Sprache* (Fischer P.B. No. 176).

Fontane, *Schach von Wuthenow* (Reclam).

Effi Briest.

Huch, R., *Männer und Mächte um 1848* (Velhagen and Klasing).

Bismarck, *Gedanken und Erinnerungen*, ed. A. Gibson (C.U.P.).

Franzel, E., *Von Bismarck zu Adenauer* (Lehnen, DELP No. 337).

Glaeser, E., *Jahrgang 1902*.

Mann, H., *Professor Unrat* (Rowohlt P.B.).

Roth, J., *Radetzkymarsch* (Rowohlt P.B.).

von Heiseler, B., *Versöhnung*.

Fallada, H., *Kleiner Mann was nun?* (Rowohlt P.B.).

Scholl, I., *Die weisse Rose* (Fischer P.B. No. 88).

Lists of background reading will be issued at the first class-meeting.

48. German for the Honours Degree of B.A.

Students taking the Honours course in German are required:

- i. to pass in German IA or I, German II and German III;
- ii. to do Interim Honours work as specified by the Head of the Department of German;
- iii. to pass in three other courses, including courses I and II in one subject;
- iv. to devote the fourth year to Honours work in German literature and philology.

In their first Honours year, students will attend two courses:

- (a) the first year of a two-year course in the history of the German language;
- (b) a course in the history of the German lyric. Texts and reading-list will be issued by the Department of German.

During their second year of Honours work, students will pass the following:

- (a) the second year of the course on the history of the German language;
- (b) a course on the History of German Literature from the Reformation to the Thirty Years' War.

Books set for reading:

- Luther, *Ausgewählte Werke* (Fischer-Bucherei).
- A. E. Berger, ed. *Die Schaubühne im Dienst der Reformation* (Reclam).
- Sachs, *Ausgewählte Werke* (Reclam).
- Das Volksbuch von Dr. Faust* (any ed. available).
- Grimmelshausen, *Der abenteuerliche Simplicissimus* (Reclam).
- Schiller, *Geschichte des dreissigjährigen Krieges* (in most collected eds.).
- Selected Baroque lyrics* (issued by the Department).

Reading-lists and further stencilled texts will be issued by the Department of German.

- (c) a course on Goethe's *Faust*. The course embraces all versions of both parts of the drama. Further information and reading-lists will be made available at the first class-meeting.

During their Final year, students will prepare a dissertation showing some evidence of original research on an aspect of German literature or language. Choice of subject must be made at the beginning of the first term after consultation with the Head of the Department of German. They will also attend:

- (a) a course of Middle High German philology and literature;
- (b) an occasional seminar-course on certain aspects of the literature of the Aufklärung period.

The above merely outlines the courses to be pursued. Further information should be obtained by applying to the Department of German.

Students who have obtained the permission of the Faculty to combine German with another subject for the Honours Degree will be excused some Honours work during their course of study.

49. Scientific German

There are two courses, as indicated in (a) and (b).

- (a) This course, open to members of staff, research students and all third and fourth year science students, consists of two lectures weekly throughout the year. The aim of the course is to ensure fluency in reading German and in translation from German into English. *No previous knowledge of the language is required.* A complete grammatical survey is made and for translation a large varied selection of scientific texts is used. These are distributed during the course.

Text-books:

- Barker, M. L., *Basic German for science students* (Oliver and Boyd).
- Wichmann, K., *Pocket dictionary of the German and English languages*.

- (b) This course of one lecture weekly throughout the year is open to all who have previously attended the above course. It is also open to those members of staff, research students and third and four year science students who have some previous knowledge of German.

Text-book:

- Barker, M. L., *German for sixth form and adult beginners* (W. Heffer, Cambridge).

HISTORY AND POLITICS.

Attention is drawn to the fact that there is now a department of History distinct from the department of History and Political Science. An Honours course is available in each. After consultation with the Professors concerned, students may take an Honours course combining History and Politics either with each other or with other subjects such as Economics, or Geography, or English.

HISTORY

There are five courses in this School: Social History, History I, IIA, IIB and III. Except by special permission of the Faculty of Arts, History I or Politics I or Social Economics or Economics I must be completed before History II (A or B) is taken; and History II (A or B) must be completed before History III is taken.

The books recommended are not intended to be an exhaustive list. Written work is set during the year, and is taken into account with the results of the annual examinations.

51. Social History

Students intending to take one course only in History are recommended to take Social History.

A first-year course; no pre-requisite, and can serve as a pre-requisite for other courses in the History school only by special permission; not available to exempted students.

This course will highlight the main social changes which have taken place in Great Britain since the mid-eighteenth century, and will make some comparison with Australian developments.

Preliminary reading:

Defoe, D., *Tour through England and Wales* (Everyman Nos. 820, 821).

George, Dorothy, *England in transition* (Penguin).

Trevelyan, G. M., *English social history* (Longmans).

Some useful books:

Ashton, T. S., *The industrial revolution 1760-1830* (O.U.P.).

Bland, Brown and Tawney, *English economic history*, select documents (Bell).

Torr, D. (ed.), *History in the making: the nineteenth century. Extracts from contemporary sources*, 3 vols. (Lawrence and Wishart).

Mowat, C. L., *Britain between the wars 1918-1940* (Methuen).

Social Insurance and Allied Services. Report by Sir William Beveridge, Cmd. 6406. (H.M.S.O.)

Hall, M. Penelope, *The social services of modern England* (Routledge and Kegan Paul).

Thomson, David, *England in the nineteenth century: 1815-1914* (Penguin).

General reading lists will be issued from time to time.

52. History I.

The Making of Modern Europe.

A first year course; no pre-requisite; exemption may be granted only to students who can show that they have access to an adequate library.

A survey of the history of Europe and of its relations with the rest of the world from the fifteenth to eighteenth centuries.

Duplicate copies of a number of useful primary and secondary sources can be borrowed from the History Book Club, which students are advised to join.

The following are recommended for preparatory reading:

Ergang, R., *Europe from the Renaissance to Waterloo*.

Nehru, J., *Glimpses of world history*.

Students should have:

Bainton, R. H., *The age of the Reformation* (Van Nostrand).

Gershoy, L., *The era of the French Revolution, 1789-1799*.

Panikkar, K. M., *Asia and western dominance*.

Parry, J. H., *Europe and a wider world* (Hutchinson University Library).

Other cheap and useful books:

Cellini, B., *Autobiography*.

Machiavelli, N., *The Prince*.

Voltaire, *Candide*.

Ashley, M., *England in the seventeenth century*.

Bainton, R. H., *Here I stand* (a life of Luther).

Bindoff, S. T., *Tudor England*.

Tawney, R. H., *Religion and the rise of capitalism*.

Thompson, J. M., *Robespierre and the French Revolution*.

The Penguin atlas of the world.

54. History IIA**Europe since 1815**

A second-year course; pre-requisite: History I or Politics I; available to exempted students.

(For students who have been formally accepted for the Diploma in Social Studies, Social History (51), will be accepted as a pre-requisite.)

This course will be examined in two parts:

A. General history.

Preparatory reading:

Ergang, R., *Europe since Waterloo*.

Fueter, E., *World history, 1815-1920*.

Chambers, F. P., Harris, C. P., and Bayley, C. C., *This age of conflict*.

A good text-book:

Thomson, D., *Europe since Napoleon*.

Other useful books:

Langer, W. (Ed.), series *The rise of modern Europe*:

Artz, F. B., *Reaction and revolution, 1814-32*.

Binkley, R. C., *Realism and nationalism, 1852-71*.

Hayes, C. J. H., *A generation of materialism, 1871-1900*.

Morazé, C., and Wolff, P., *L'Epoque contemporaine*.

Bury, J. P. T., *France, 1815-1940*.

Clapham, J. H., *Economic development of France and Germany*.

Cole, G. D. H., *Introduction to economic history*.

Florinski, M. T., *Fascism and national socialism*.

Hill, C., *Lenin and the Russian Revolution*.

Hobson, J. A., *Imperialism*.

Halevy, E., *History of the English people in the nineteenth century*.

Lewis, W. A., *Economic survey, 1919-39*.

Michels, R., *Political parties*.

Mosca, G., *The ruling class*.

Pascal, R., *The growth of modern Germany*.

Robinson, J. H., and Beard, C. A. (Ed.), *Readings in modern European History*.

Scheele, G., *The Weimar Republic*.

Schumpeter, J. A., *Capitalism, socialism and democracy*.

Seton-Watson, H., *The decline of Imperial Russia*.

Sprigge, C. J. S., *The development of modern Italy*.

Steed, W., *The Habsburg monarchy*.

Taylor, A. J. P., *The struggle for mastery in Europe*.

Thomson, D., *Democracy in France*.

Thomson, D., *England in the nineteenth century*.

Utley, T. G., and Maclure, J. S. (eds.), *Documents of modern political thought*.

B. A special subject: topics and lists of books will be issued from time to time.

55. History IIB**Economic History**

A second-year course; pre-requisite: History I or Politics I or Social Economics or Economics I; available to exempted students only in special circumstances.

Emphasis is laid in this course on the economic development of Britain since 1700; on the Australian economy since the end of the last century; and on the history of economic thought.

Students, unless exempted from lectures, are required to attend tutorials in the special subject of the second examination paper. The subject will be examined in two papers:

- A. British economic history and the development of British economic thought;
- B. Australian economic history; and one of two special topics which are taught in tutorials. The special topics for 1958 are: (a) Land transport in England and Australia; or (b) The history of economic thought.

Preparatory reading:

Clapham, Sir John, *A concise economic history of Britain from the earliest times to A.D. 1750*, chapters 7-9.

Court, W. H. K., *A concise economic history of Britain from 1750 to recent times*.

Shann, E., *An economic history of Australia*, parts 2 and 3.

Fitzpatrick, B., *The British Empire in Australia: an economic history 1834-1939* (relevant chapters).

Hicks, J. R., *The social framework*, revised edition.

Other useful books are:

Ashton, T. S., *An economic history of England—the eighteenth century*.

Ashton, T. S., *The industrial revolution, 1760-1830*.

Ashworth, W., *A short history of the international economy, 1850-1950*.

Bland, A. E., Brown, P. A., and Tawney, R. H., *English economic history—select documents*, part 3.

Clapham, Sir John, *An economic history of modern Britain*.

Cunningham, W., *Growth of English industry and commerce: modern times*, part 2, *Laissez Faire*.

Fay, C. R., *Great Britain from Adam Smith to the present day*.

Gayer, A. D., Rostow, W. W., and Schwartz, A. J., *The growth and fluctuation of the British economy, 1790-1850*.

Halévy, E., *A history of the English people in the nineteenth century* (relevant chapters).

Heaton, H., *Economic history of Europe*, revised edition.

Hoffman, W. G., *British industry, 1700-1950*.

Knowles, L. C. A., *The industrial and commercial revolutions in Great Britain during the nineteenth century*.

Lewis, W. A., *Economic survey, 1919-1939*.

Lipson, E., *The growth of English society*.

Rostow, W. W., *British economy of the nineteenth century*.

Clark, C. M. H., *Select documents in Australian history*, vol. 2, part 2.

Coghlan, T. A., *Labour and industry in Australia*, vol. 4, part 7.

Greenwood, G. (ed.), *Australia—a social and political history*, chaps. 4-8.

Grattan, C. Hartley, *Australia*, part 4 and part 7, chap. 28.

Gide, C., and Rist, C., *History of economic doctrines*.

Hutchison, T. W., *A review of economic doctrines, 1870-1929*.

Schumpeter, J., *Economic doctrine and method*.

Roll, E., *History of economic thought*.

Whittaker, E., *A history of economic ideas*.

Reading on special topics will be suggested during the year.

56. History III

The Pacific

A third-year course; pre-requisite: History II (A or B); available to exempted students only in special circumstances. This course will be examined in two parts:

A. East Asia and America;

B. Australia.

Preparatory reading:

Vinacke, H. M., *A history of the Far East in modern times*.

Clyde, P. H., *The Far East*.

Ball, MacMahon, *Nationalism and communism in East Asia*.

Greenwood, G. (ed.), *Australia, a social and political history*.

Other useful books:

Hudson, G. F., *The Far East in world politics*.

Fitzgerald, C. P., *Revolution in China*.

Lindsay, M., *China and the cold war*.

Asu-yu-Teng and Fairbanks, J. (eds.), *China's response to the west, 1839-1923*.

Clyde, P. H., *United States policy towards China, 1839-1939*.

Brandt, C., Schwartz, B., and Fairbanks, J., *A documentary history of Chinese communism*.

Yanaga, C., *Japan since Perry*.

Beasley, W. G., *Select documents on Japanese foreign policy, 1853-68*.

Norman, E., *Japan's emergence as a modern power*.

Jones, F. C., *Japan's new order in East Asia, 1937-45*.

- Griswold, A. W., *The Far Eastern policy of the United States*.
 Reischauer, E. O., *The United States and Japan*.
 Vinacke, H. M., *The United States and the Far East*.
 Furnivall, J. S., *Netherlands India*.
Cambridge History of the British Empire, vol. 2, part 1.
 Crawford, R. M., *Australia*.
 Clark, C. M. H., *Select documents in Australian history*, vols. 1 and 2.
 Sawyer, G., *Australian Federal politics and law, 1901-1929*.
 Greenwood, G., and Harper, N. (eds.), *Australia in world affairs, 1950-1955*.

58. History for the Honours Degree of B.A.

Students intending to take Honours should consult the Professor before the beginning of their second year's work; they will be required:

- (a) To pass in eight courses as prescribed for the ordinary degree of B.A. and as approved by the department of History; (Approval will always be given to courses that include *either*
 - (i) History I, History IIA and IIB, History III, and Economics I or Social Economics,
 - or
 - (ii) History I, History IIA or IIB, History III, and a third-year course in another department of the Faculty of Arts);
- (b) to undertake such honours work as may be required in connection with some of these courses;
- (c) to be able to translate from French, German, or Italian;
- (d) to undertake a fourth year of honours work, including tutorial discussions, written examinations, and the writing of a thesis.

59. History for the Degree of M.A.

Candidates for the degree of M.A. in History should consult the Professor.

POLITICS.

Attention is drawn to the fact that two new courses will be available in this Department, as from 1960, namely Comparative Government (Politics IIA) and Political and Social Theory (Politics IIIA). Five courses will then be offered: Politics I, IIA, IIB, IIIA, and IIIB. The course in Politics I (The Modern Democratic State) has previously been listed as Politics II, and that in IIB (Public Administration) was previously Politics IIIA. Students who have already commenced their courses will be allowed to complete their sequences under the old Regulations, and for this purpose count the new Politics I as a second-year course, and the new Politics IIB as a third-year course.

In 1959 classes in Politics I and Politics II will be combined for lecture purposes, but meet separately in tutorials and be set different essay topics and examination papers. Similarly with students taking Public Administration in 1960.

Except by special permission of the Faculty of Arts, Politics I must be completed before Politics II (A or B) is taken; Politics II (A or B) completed before Politics IIIA is taken; and Politics II (A or B) or History IIA before Politics IIIB is taken. Students are strongly recommended to complete History IIA before taking Politics IIIB, and to note carefully, therefore, the prerequisites for History IIA.

The books recommended are not intended to be an exhaustive list; they are suggestions as to how the lectures should be supplemented. Essays and written exercises are regarded as an integral part of the courses, and students will be allowed to sit for the annual examinations only if their written work has been satisfactory.

61. Politics I.

61a. Politics II (1959 only).

The Modern Democratic State.

Politics I is a first-year course; no pre-requisite; available to external students.

Politics II is a second-year course only for those completing their sequences under the old regulations.

This course devotes one term to an examination of the basic beliefs and assumptions of a democracy, and two terms to an analysis of the institutions which are characteristic of modern parliamentary democracies. It is concerned mainly with the principles and general features of the British and Australian constitutions, but some reference is also made to the U.S.A. and other countries.

Preliminary reading:

Wheare, K. C., *Parliaments and politics* (Bureau of Current Affairs).

Jennings, W. I., *The Queen's government* (Pelican).

Sawer, G., *Australian government today* (M.U.P.).

Students should procure:

Lindsay, A. D., *The essentials of democracy* (O.U.P.).

Soltan, R. H., *Introduction to politics* (Longmans), or

Pickles, D. M., *Introduction to politics* (Sylvan Press) and

Miller, J. D. B., *Australian government and politics* (Duckworth).

Essential references:

Utley, T. E., and MacLure, J. S., *Documents of modern political thought* (C.U.P.).

Lipson, L., *The great issues of politics* (Prentice-Hall).

Barker, E., *Reflections on government* (O.U.P.).

Wheare, K. C., *Modern constitutions* (O.U.P.).

Jennings, W. I., *Parliament* (C.U.P.).

Morrison, H., *Government and parliament* (O.U.P.).

Hamilton, Madison and Jay, *The Federalist* (Blackwell).

Wheare, K. C., *Federal government* (O.U.P.).

Crisp, L. F., *The parliamentary government of the Commonwealth of Australia* (Longmans).

Lippman, W., *Public opinion* (Macmillan).

Overacker, L., *The Australian party system* (O.U.P.).

Other useful references:

Lindsay, A. D., *The modern democratic state* (O.U.P.).

Laski, H. J., *Liberty in the modern state* (Allen and Unwin).

Tawney, R. H., *Equality* (Allen and Unwin).

Durbin, E. F. M., *The politics of democratic socialism* (Routledge).

Carew Hunt, R. N., *The theory and practice of Communism* (Bles).

Finer, H., *Theory and practice of modern government* (Methuen).

Amery, L. S., *Thoughts on the constitution* (O.U.P.).

Taylor, E., *The House of Commons at work* (Pelican).

Friedrich, C. J., *Constitutional government and democracy* (Ginn).

Sawer, G. (ed.), *Federalism—an Australian jubilee study* (Cheshire).

Greenwood, G., *The future of Australian federalism* (M.U.P.).

Brady, A., *Democracy in the dominions* (Toronto U.P.).

Report, *Royal commission on the press* (H.M.S.O., 1949).

62. Politics IIA.

Comparative Government.

A second-year course, not available until 1960; pre-requisite: Politics I (61); available to exempted students.

This course will be devoted to a comparison of the political institutions, theories and practices of a number of countries all of which claim to be democratic. Chief attention will be given to the U.S.A. and the U.S.S.R., in comparison with Britain and Australia, but some attention will also be paid to such countries as Canada and France.

Book references will be given in the Calendar for 1960, the year in which the course becomes available.

63. Politics IIB.

Public Administration.

A second-year course; pre-requisite: Politics I; not available to exempted students.

A third-year course only for those completing their sequences under the old regulations.

In this course particular attention will be paid to the administrative systems of the United Kingdom, Australia, the United States of America, and France. It will include:

(i) A study of the development of administrative theory; formal and informal organisation; the social working group; coordination, communication and control.

(ii) Detailed discussion of the Public Service, its structure, functions, problems and relationships with other organs of government. Bureaucracy.

(iii) A study of local government and quasi-governmental bodies; administrative problems raised by the federal structure of government.

Preliminary reading:

Gladden, E. N., *Introduction to public administration* (Staples).

Gladden, E. N., *Essentials of public administration* (Staples).

Students should procure:

Simon, H. A., and others, *Public administration* (Knopf).

Mackenzie, W. J. M., and Grove, J. W., *Central administration in Britain* (Longmans).

Other useful books:

Smellie, K. B., *A hundred years of English government* (Duckworth).

Lord Crompton (ed.), *British government since 1918* (Allen and Unwin).

Dimock, M. and G., *American government in action* (Rinehart).

Chapman, B., *Introduction to French local government* (Allen and Unwin).

Chester, D. N., *Central and local government* (Macmillan).

Cole, G. D. H., *Local and regional government* (Cassell).

Warren, J. H., *English local government system* (Allen and Unwin).

Bland, F. A., *Government in Australia* (Government Printer).

Finer, S. E., *A primer of public administration* (Muller).

Simon, H. A., *Administrative behaviour* (Macmillan).

Marx, M., *The administrative state* (Chicago U.P.).

Waldo, D., *Ideas and issues in public administration* (McGraw-Hill).

Monck, B., *How the civil service works* (Phoenix).

Campbell, G., *The civil service in Britain* (Pelican).

Critchley, T. A., *The civil service today* (Gollancz).

Kelsall, R. K., *Higher civil servants in Britain* (Routledge).

Beer, S. H., *Treasury control* (O.U.P.).

Gladden, E. N., *Civil service or bureaucracy?* (Staples).

Milward, G. E., *Large scale organisation* (Macdonald and Evans).

Parker, R. S., *Public service recruitment in Australia* (M.U.P.).

Friedmann, W., *Principles of Australian administrative law* (M.U.P.).

64. Politics IIIA.

Political and Social Theory.

A third-year course, not available until 1960; pre-requisite: Politics II (A or B); not available to exempted students.

In this course roughly a term will be devoted to each of the following:

(i) Political Ideas since the French Revolution, with special reference to the role of the State in democratic and totalitarian ideologies;

(ii) Political Sociology, a study of class and social structure; the role of voluntary associations; a comparative study of party systems; leadership and the notion of elites; forces making for social change, and the criteria of social progress.

(iii) Political Theory: the nature of political principles; the scope and function of theory in systematic politics; the analysis of such concepts as power, authority, sovereignty and political obligation.

Book references will be given in the Calendar for 1960, the first year in which this course becomes available.

65. Politics IIIB.

International Relations.

A third-year course; pre-requisite Politics II (A or B) or History IIA; not available to exempted students.

A. International relations in theory and practice.

- (1) Changing ideas on international relations; the medieval ideal; Machiavelli; the national sovereign state; the classical balance of power; a world order.
- (2) The "structure" of international relations; the aims and purposes underlying the foreign policies of states; the techniques and strategies used by states to affect the behaviour of other states; power politics and factors of power; states and scruples—international law and organisation.
- (3) Present day international society.

B. A special topic, to be studied in tutorials.

Special topic for 1959: Australia and South-East Asia.

Preliminary reading:

Chambers, E. P., and others, *This age of conflict* (Harcourt Brace).

Friedmann, W., *Introduction to world politics* (Macmillan).

Students should procure:

Carr, E. H., *The twenty years' crisis* (Macmillan).

Carr, E. H., *Nationalism and after* (Macmillan).

The New York Times (International Edition), *The news of the week in review* (Herald and Weekly Times).

Other useful books:

Friedmann, W., *The crisis of the national state* (Macmillan).

Hawtrey, R. G., *Economic aspects of sovereignty* (Longmans).

Schwarzenberger, G., *Power politics* (Stevens).

Wight, M., *Power politics* (R.I.I.A.).

Carr, E. H., *The Soviet impact on the western world* (Macmillan).

Carr, E. H., *International relations between the two world wars* (Macmillan).

Brierly, J. L., *The law of nations* (O.U.P.).

Morgenthau, H., *Politics among nations* (Knopf).

Morgenthau, H., *Scientific man versus power politics* (Latimer House).

Nicolson, H., *Diplomacy* (Thornton and Butterworth).

Panikkar, K. M., *Principles and practice of diplomacy* (Asia Publishing House).

Strausz-Hupe, R., *Geopolitics* (Putnam).

Niebuhr, R., *Moral man and immoral society* (Scribner).

MacIver, R. M., *The web of government* (Macmillan).

Mansergh, N., *The commonwealth and the nations* (R.I.I.A.).

Pear, T. H. (ed.), *Psychological factors of peace and war* (Hutchinson).

Brown, W., *War and the psychological conditions of peace* (Black).

Klineberg, O., *Tensions affecting international understanding* (Soc. Sc. Research Council).

Wright, Q., *A study of war* (Chicago U.P.).

Kaplan, M. A., *System and process in international politics* (Wiley).

68. Politics for the Honours Degree of B.A.

Students who wish to take an honours course in Politics will be required:

- (a) To pass in Politics I, Politics II (A or B), Politics IIIA and Politics IIIB, as prescribed for the Ordinary degree;
- (b) To attend such tutorial groups as are arranged in connection with these courses;
- (c) To pass in Social Economics (or Economics I), History IIA and in two other courses as prescribed for the Ordinary degree of B.A.;
- (d) To be able to translate from French, German or Italian;
- (e) To spend the fourth year on special honours work (including seminar discussions and the writing of a thesis) to be arranged after consultation with the Professor.

Students intending to take honours are requested to interview the Professor as soon as possible, and not later than the beginning of lectures in their second year.

69. Politics for the Degree of M.A.

Candidates for the degree of M.A. in Politics are requested to consult the Professor at the earliest opportunity.

PHILOSOPHY.

There are five courses in this school. Philosophy I is an introduction to Logic and Metaphysics and Moral and Political Philosophy. Philosophy IIA and Philosophy IIIA are respectively second and third-year courses in Metaphysics and Logic, and Philosophy IIB and IIIB are respectively second and third-year courses in Moral and Political Philosophy and Logic. Philosophy I is a pre-requisite for Philosophy IIA or IIB, Philosophy IIA is a pre-requisite for Philosophy IIIA, and Philosophy IIB is a pre-requisite for Philosophy IIIB.

71. Philosophy I.

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Plato, *Republic*, translated by Cornford (O.U.P.) or by Lee (Penguin).
 Descartes, *Discourse on method, meditations*, in Descartes' *Philosophical writings* translated by Anscombe and Geach (Nelson).
 Hospers, J., *Introduction to philosophical analysis* (Routledge and Kegan Paul).

72. Philosophy IIA

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Locke, *Essay concerning human understanding*, abridged edition (O.U.P.).
 Berkeley, *Principles of human knowledge, three dialogues between Hylas and Philonous* (Everyman).
 Hume, *Treatise of human nature*, Book I (Everyman).
 Black, M., *Critical thinking* (Prentice-Hall).

73. Philosophy IIB.

The course of lectures is given every year and is completed in one year.

Prescribed books:

- Butler, *Sermons*, edited by W. R. Matthews (Bell).
 Sidgwick, H., *Methods of ethics* (Macmillan).
 Nowell-Smith, P. H., *Ethics* (Pelican).
 Toulmin, S. E., *The place of reason in ethics* (C.U.P.).
 Prior, A. N., *Logic and the basis of ethics* (O.U.P.).

74. Philosophy IIIA.

The course of lectures is given every year and is completed in one year.

Subjects of examination will be the topics discussed in the following books:

- Wittgenstein, L., *Tractatus logico-philosophicus* (Routledge and Kegan Paul).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Other minds* (Blackwell).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).
 Wittgenstein, L., *Philosophical investigations* (Blackwell).
 Wittgenstein, L., *The blue and brown books* (Blackwell).
 Strawson, P. F., *Introduction to logical theory* (Methuen).

75. Philosophy IIIB.

The course of lectures will be given every year and will be completed in one year. Subjects of examination will be the topics discussed in the following books:

- Hume, *Treatise on human nature*, Book III (Everyman).
 Moore, G. E., *Principia ethica* (C.U.P.).
 Kant, *Groundwork of the metaphysic of ethics*, translated by H. J. Paton under the title *The moral law* (Hutchinson).
 Hegel, *Philosophy of right*, translated by T. M. Knox (O.U.P.).
 Hare, R. M., *The language of morals* (O.U.P.).

78. Philosophy for the Honours Degree of B.A.

In addition to study at a deeper level of the work required for the Ordinary Degree courses 71, 72, 73, 74 and 75, candidates are expected to show knowledge of the following works:

Kant, *Critique of pure reason*, translated by N. Kemp Smith (Macmillan).

And of the topics dealt with in the following works:

Frege, G., *The foundations of arithmetic*, translated by J. L. Austin (Blackwell).

Whitehead and Russell, *Principia mathematica*, 2nd edition (introduction only) (C.U.P.).

Prior, A. N., *Formal logic* (O.U.P.).

Ryle, G., *Dilemmas* (C.U.P.).

Kneale, W., *Probability and induction* (O.U.P.).

Quine, W. V., *From a logical point of view* (Harvard U.P.).

79. Philosophy for the Degree of M.A.

Candidates for the degree of M.A. in Philosophy are required to consult the Professor of Philosophy within the first month of the academic year about the subject and the course of reading for their thesis.

PSYCHOLOGY.

There are six courses in Psychology for the degree of Bachelor of Arts. All students intending to take more than one course in Psychology must see the Head of the Department.

The course Psychology IA is designed for students who intend to take only one year's work in Psychology. It will not be accepted as qualifying a student to proceed to Psychology IIA or IIB without the addition of courses of Laboratory work and Psychometrics, which can be taken as a supplementary course after passing in Psychology IA. Students are recommended to take Psychology I, unless they have a special reason for doing Psychology IA.

For those students who intend to take more than one course in Psychology, there are five courses for the ordinary degree of Bachelor of Arts, namely, Psychology I, IIA, IIB, IIIA, IIIB.

Except with special permission to be obtained in writing from the Registrar, no candidate may enrol for Psychology IIA or IIB until he has passed Psychology I, or Psychology IA plus supplementary courses in Laboratory work and Psychometrics, or for Psychology IIIA until he has passed in Psychology IIA or IIB, or for Psychology IIIB until he has passed in either Psychology IIA or IIB.

80. Psychology IA.

This course is intended to give a general survey of the main topics and methods of Psychology.

The central feature of the course will be a study of human experience and behaviour in relation to such social settings as the family, the school, and the work situation.

The topics will cover—

1. Basic psychological processes such as perception, learning and motivation.
2. Abilities and individual differences.
3. The nature of personality.
4. Introductory theoretical analysis of the biological and social determinants of behaviour.

The methodology will include—

- (a) A critical appraisal of commonsense views of human behaviour.
- (b) The use of directed observation, experiment and measurement.

There will be two lectures a week with occasional tutorials, special film sessions, one case study and essay work. In addition, students may be required to spend periods not exceeding a total of four hours for the year as participants in psychological experiments.

Preliminary (vacation) reading:

- Hunter, Ian M. L., *Memory, facts and fallacies* (Pelican).
 Eysenck, H. J., *The uses and abuses of psychology* (Pelican).
 Köhler, W., *Mentality of apes* (Pelican).
 Valentine, *The normal child* (Pelican).

Text-books:

- Morgan, C. T., *Introduction to psychology* (McGraw-Hill)
 or
 Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap).
 Drever, J., *A dictionary of psychology* (Penguin).

Text-books for essays:

One of the following titles must be read and known in detail from the psychological point of view:

- Flaubert, *Madam Bovary* (Penguin).
 Butler, S., *The way of all flesh* (Penguin).
 Hardy, T., *Jude the obscure* (Macmillan).
 Dickens, C., *Great expectations* (Penguin).
 Cary, J., *The horse's mouth* (Penguin).
 Woolf, V., *Between the acts* (Hogarth).

References:

Reference may be made to sections of the following:

- Flugel, J. C., *A hundred years of psychology* (Duckworth).
 Klineberg, O., *Social psychology*, revised edition.

81. Psychology I.

This course is intended to give a general survey of the main topics and methods of psychology. It will be the necessary introduction for those who propose to take more than one year in the subject.

There will be no essay requirements, but students will be required to do laboratory and psychometrics work and to spend periods not exceeding a total of four hours for the year as participants in psychological experiments.

Theory: As for Psychology IA.

Laboratory work: Two hours a week devoted to an introductory training in scientific method as applied to psychological problems.

Psychometrics: Statistical and scientific method as applied to psychological data will be integrated with the laboratory course.

Preliminary reading: As for Psychology IA.

Text-books:

- Morgan, C. T., *Introduction to psychology* (McGraw-Hill).
 or
 Munn, N., *Psychology. The fundamentals of human adjustment*, 3rd edition (Harrap).
 Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).

References:

In addition to those listed for Psychology IA:

- Krech, D., and Crutchfield, R. S., *Elements of psychology* (Knopf).
 Katz, D., *Animals and men* (Pelican).
 Crafts, L. W., *Recent experiments in psychology*, 2nd edition (McGraw-Hill).
 Garrett, H. E., *Great experiments in psychology* (Appleton-Century).
 Townsend, J. C., *Introduction to experimental method for psychology and the social sciences* (McGraw-Hill).

82. Psychology IIA.

(Experimental and behavioural science)

This subject is designed to provide a more intensive study of the basic psychological processes and an introduction to the complex functions of personality in relation to general behaviour theory.

Topics will include: motivation and emotion, the contributions of the early instinctivists, modern comparative and physiological psychologists, Freud, the

Behaviourists, Hebb and Asch; Perception, with special reference to the theories of the Gestaltists, Gibson and Hebb; Thinking and concept formation (Gestaltists, Behaviourists, Hebb, Piaget); Learning theory (Hull, Skinner, Tolman, Lewin, Pavlov and Hebb); Personality theory and the assessment of personality (Freud, Allport, Mowrer, Miller and Dollard, Eysenck, Spence, Vernon). All topics will be dealt with in the context of the development of an experimentally based general behaviour theory likely to be of relevance to the clinical, developmental and social problems dealt with in other courses.

Theory: There will be two lectures and one tutorial a week.

Psychometrics: One lecture a week on statistical and quantitative techniques as applied to psychological data. Emphasis will be placed on the general principles of sampling and statistical inference in relation to experimental investigation. Specific analytic procedures dealt with will include both parametric and non-parametric methods.

Laboratory: Three hours a week devoted to experiments, demonstrations and assessments in relation to the main content of the course.

Preliminary (vacation) reading:

- Moroney, J., *Facts from figures* (Pelican).
- Eysenck, H. J., *Sense and nonsense in psychology* (Pelican).
- Freud, S., *An outline of psychoanalysis* (McGraw-Hill).
- Lorenz, K., *King Solomon's ring* (Pan).

Text-books:

- Hilgard, E. R., *Theories of learning*, 2nd edition (Appleton-Century).
- Morgan, C. T., and Stellar, *Physiological psychology* (McGraw-Hill).
- Asch, S. E., *Social psychology* (Prentice-Hall).
- Guilford, J. P., *Fundamental statistics in psychology and education* (McGraw-Hill).

References:

- Allport, G., *Personality, a psychological interpretation* (Holt).
- Eysenck, H. J., *The dimensions of personality* (Kegan Paul).
- Eysenck, H. J., *The dynamics of anxiety and hysteria* (Kegan Paul).
- Mowrer, O. H., *Learning theory and personality dynamics* (Ronald Press).
- Vernon, P. F., *Personality tests and assessments* (Methuen).
- Woodworth, R. S. and Schlosberg, H., *Experimental psychology* (Holt).
- Dollard, J. and Miller, N. E., *Personality and psychotherapy* (McGraw-Hill).
- Siegel, S., *Non-parametric statistics* (McGraw-Hill).
- Pavlov, I. P., *Lectures on conditioned reflexes* (Oxford).
- Basowitz, H., and others, *Anxiety and stress* (McGraw-Hill).
- Hebb, D. O., *Organisation of behaviour* (Wiley).
- Stevens, S. S. (ed.), *Handbook of experimental psychology* (Wiley).
- Lindquist, E. F., *Design and analysis of experiments in psychology and education* (Houghton Mifflin).

83. Psychology IIB.

(Developmental psychology)

This course is intended to provide a more intensive study of individual differences and social processes within the framework of developmental theory; and an introduction to third-year work on general and social psychological theory.

Basic psychological processes: motivation, emotion, perception, learning, thinking and language will be treated ontogenetically. Consideration will be given to the determinants of the development of intelligence, personality and social behaviour.

Development from infancy to senescence will be dealt with in the light of general, clinical and social psychological evidence relating to some of the special problems of the various developmental stages and to deviant behaviour.

Theory: There will be two lectures and one tutorial a week.

Psychometrics: There will be one lecture a week on statistical techniques and experimental design as applied to developmental data and problems. These techniques will include parametric and non-parametric methods.

Laboratory: An average of three hours a week including clinical demonstrations, observation and assessment, and experimental work relating to psychological testing, group behaviour, environmental restriction and the development of basic psychological processes.

Preliminary (vacation) reading:

Barnett, A., *The human species* (Pelican).Mead, M., *Coming of age in Samoa* (Pelican).

or

Mead, M., *Growing up in New Guinea* (Pelican).

Text-books:

Thompson, G. G., *Child psychology* (Houghton Mifflin).Guilford, J. P., *Fundamental statistics in psychology and education*, 3rd edition (McGraw-Hill).Siegel, S., *Nonparametric statistics* (McGraw-Hill).

References:

Allport, G. W., *Personality, a psychological interpretation* (Holt).Carmichael, L. (ed.), *Manual of child psychology*, 2nd edition (Wiley).Barker, R. G., Kounin, J. S., and Wright, H. F., *Child behaviour and development* (McGraw-Hill).Jersild, A. T., *Child psychology*, 4th edition (Staples).Isaacs, S., *Intellectual development in young children* (Routledge).Isaacs, S., *Social development in young children* (Routledge).Piaget, J., *Play, dreams and imagination in childhood* (Heinemann).Piaget, J., *The moral judgement of the child* (Kegan Paul).Terman and Merrill, *Measuring intelligence* (Harrap).Swanson, G., Newcomb, T. M., and Hartley, E. L., *Readings in social psychology* (Holt).Cronbach, L. J., *Essentials of psychological testing* (Harper).

84. Psychology IIIA.

(Behavioural science)

This advanced course of study will, with some exception, be concerned in the main with modern behaviour theory based essentially on experiment and measurement. The course will have reference to three fields of study:

- (a) Comparative psychology—unlearned reactions with reference to the modern work of Lorenz and Tinbergen.
- (b) Deviant behaviour—the study of a variety of human and animal behaviour viewed as deviating in some measurable degree from group norms and patterns. Reference will be made to the behaviour of delinquents, mental defectives and the mentally ill.
- (c) Industrial psychology—work study, job analysis, selection, guidance, case study—the ecological approach to theory of occupations.

Theory: There will be three lectures a week in theory.

Psychometrics: One lecture a week on advanced work in psychometrics. Methods of correlation and multiple classification in the analysis of variance. The principles of experimentation and sampling and scaling methods; item analysis and the rationale for speed and power tests. Multiple regression problems including the discriminant function. The methods and theory of factor analysis.

Laboratory and Field Work: An average of seven hours a week devoted to experiments, psychological assessments and clinical work in relation to the main content of the course.

Preliminary (vacation) reading:

Tinbergen, N., *The study of instinct* (Oxford).Sholl, D. A., *The organisation of the cerebral cortex* (Methuen).Urwick and Brech, *The making of scientific management* (Management Publications Trust, 1949).Maslow and Mittelmann, *Principles of abnormal psychology*, 2nd edition (Harper).

References:

Testing:

Terman and Merrill, *Measuring intelligence* (Harrap).Rapaport, *Manual of diagnostic psychological testing*, Vols. I and II (Year Book Publishers).Wechsler, D., *The measurement of adult intelligence* (Williams and Wilkens).Klopfer and Kelly, *The Rorschach technique* (World Books).Beck, Wilkins J., *The Rorschach test*, Vols. 1-3 (Grune Stratton).Henry, *The analysis of phantasy* (Wiley).Tomkins, *Thematic apperception test* (Grune Stratton).

Psychometrics:

- Guilford, *Psychometric methods* (McGraw-Hill).
 Burt, D., *The factors of the mind* (London U.P.).
 Johnson, P. O., *Statistical methods in research* (Prentice-Hall).
 Brown and Ghiselli, *Scientific method in psychology* (McGraw-Hill).

Deviant behaviour:

- Henderson and Gillespie, *Handbook of psychiatry* (O.U.P.).
 Penrose, L. S., *The biology of mental defect* (Sedgwick Jackson).
 Richards, *Modern clinical psychology* (McGraw-Hill).
 Eysenck, H. J., *The structure of human personality* (Methuen).
 Eysenck, H. J., *The dynamics of anxiety and hysteria*.
 Hunt, J. McV., *Personality and the behaviour disorders*, Vols. 1 and 2 (Ronald).

Industrial:

- Jaques, E., *The changing culture of a factory* (Tavistock Publications).
 Walker, K. F., *Industrial relations* (Harvard U.P.).
 Ghiselli, E. E., and Brown, C. W., *Personnel and industrial psychology* (McGraw-Hill).
 Stagner, *The psychology of industrial conflict* (Wiley).
 Kahn, R. L., and Cannell, *The dynamics of interviewing* (Wiley).

Comparative:

- Munn, N., *The handbook of psychological research on the rat* (Houghton Mifflin).
 Massermann, J. H., *Behaviour and neurosis* (Chicago U.P.).
 Stone, C. P., *Comparative psychology* (Staples).
 Stevens, S. S., *Handbook of experimental psychology* (Wiley).

85. Psychology IIIB.

(Social psychology)

The course aims to cover the field of study and the theory of social psychology with some attention being given to the problems that are also treated in closely related fields. There will be a series of experiments involving both laboratory and field studies.

Theory: Two lectures and one tutorial a week on a systematic treatment of theories of group behaviour and related empirical studies. Topics will include—social influence processes, the development and disruption of groups, the effects of group structure on group and individual behaviour, social perception, group cohesion, roles, reference groups and decision processes.

Psychometrics: One lecture a week.

Sampling and survey methods applied to social psychology data. The construction of attitude scales. Methodology of social psychological laboratory studies. The development of social science models.

Laboratory and Field Studies: An average of five hours a week in Terms I and II. Observation and analysis of small groups. Social psychological laboratory experiments to be designed and carried out. A field survey involving probability sampling, questionnaire preparation, interviewing and analysis to be designed and carried out.

Text-books:

- Lindzey, G. (ed.), *Handbook of social psychology*, Vols. 1 and 2 (Addison-Wesley).
 Newcomb, T. M., *Social psychology* (Tavistock).
 or
 Asch, S. E., *Social psychology* (Prentice-Hall).
 Cartwright and Zander (eds.), *Group dynamics—research and theory* (Row, Peterson).
 Festinger and Katz (eds.), *Research methods in the behavioural sciences* (Dryden).

References:

- Hare, Borgatta and Bates (eds.), *Small groups* (Knopf).
 Lewin, K., *Field theory in social science* (Harper).
 Homans, G. C., *The human group* (Routledge and Kegan Paul).
 Hyman, H., *Survey design and analysis* (Free Press).

87. Psychology for the Honours Degree of B.A.

Students intending to take Honours should consult the Head of the Department of Psychology before beginning their second year's work. They will be required:

- (a) To pass in Psychology I, IIA, IIB, IIIA, IIIB, a language other than English, and two other subjects as prescribed for the ordinary degree of B.A.
- (b) To pass in the third or fourth year in History of Psychology parts A and B.
- (c) To present during the second and third years 6 essays on prescribed reading for honours.
- (d) To undertake a fourth year of honours work including prescribed reading, discussions, and the presentation of two papers embodying the results of:
 1. An empirical investigation with emphasis on organisation, design and method.
 2. A philosophical, historical or literary inquiry into one of the fundamental concepts of psychology.

History of Psychology—A.

A directed reading course for Honours students only.

The history of Psychology during the nineteenth and twentieth centuries.

Reference books:

- Flugel, J. C., *A hundred years of psychology*.
 Murphy, G., *An historical introduction to modern psychology* (Duckworth).
 Roback, A. A., *History of American psychology* (Kegan Paul).
 Boring, *The history of experimental psychology* (Allen and Unwin).
 James, W., *Principles of psychology*, Vols. 1 and 2 (Macmillan).
 Langfeld and others (eds.), *History of psychology in autobiography*, vol. iv (Clark U.P.).

History of Psychology—B.

A directed reading course for Honours students only. A critical study of a selection of common terms in psychological theory in their historical context, and the philosophical assumptions on which they are based.

- (a) *Perception and cognition*. Perception, knowledge, understanding, intelligence, sensation, impression, idea, reason.
- (b) *Motivation and emotion*. Conation, will, drive, feeling, id, orexes, emotion, instinct.
- (c) *Personality*. Person and persona, self, ego, super ego.
- (d) *Methodology*. True, false, probable, define, number, function, empirical, logical, necessary, contingent, sufficient.

Reference books:

- Lafitte, P., *The person in psychology* (Routledge, Kegan Paul).
 Russell, B., *The analysis of mind* (Allen and Unwin).
 Ryle, G., *The concept of mind* (Hutchinson).
 Wisdom, J., *Philosophy and psychoanalysis* (Blackwell).

Prescribed reading for Honours:

- O'Neil, W. M., *Introduction to method in psychology* (M.U.P.).
 Brown and Ghiselli, *Scientific method in psychology* (McGraw-Hill).
 Lazarfeld, P. F., *Mathematical thinking in the social sciences* (The Free Press, Illinois).
 Lazarfeld, P. F., and Rosenberg, M., *The language of social research* (The Free Press, Illinois).
 Eysenck, H. J., *The psychology of politics* (Kegan Paul).
 Gerth, H., and Mills, C. W., *Character and social structure* (Routledge and Kegan Paul).
 Nadel, S. F., *Foundations of social anthropology* (Cohen and West).
 Heider, F., *The psychology of interpersonal relations* (Wiley).
 Sawyer, W. W., *Prelude to mathematics* (Pelican).
 Simon, H. A., *Models of man, social and rational* (Wiley).
 Ferguson, L. W., *Personality measurement* (McGraw-Hill).
 Gullickson, H., *Theory of mental tests* (Wiley).
 Thurstone, L. L., *Multiple factor analysis* (Chicago U.P.).
 Bush and Mosteller, *Stochastic models for learning* (Wiley).

- Marx, M. H., *Psychological theory* (Macmillan).
 Cherry, C., *On human communication* (Technology Press and Wiley).
 Bruner, J. S., Goodnow, J. J., and Austin, G. A., *A study of thinking* (Wiley).
 Good, C. V., and Scates, D. E., *Methods of research* (Appleton-Century).

GEOGRAPHY.

There are three courses in this school: Geography I, Geography II, and Geography III. Each course is completed in one year and is given every year. Students proceeding to the Ordinary degree of B.A. may take all three; except by special permission of the Faculty of Arts, the course in Geography I must be completed before the course in Geography II is taken, and the course in Geography II must be completed before the course in Geography III is taken. Those students proceeding to the Ordinary degree of B.A. who intend to take all three courses in Geography are strongly recommended to take the course in Geology I as their science subject.

There is also a one-year course, of first-year standard, in Economic Geography, which may not be counted in addition to Geography I and does not qualify for admission to the class in Geography II. It is a compulsory course for students proceeding to the Honours degree of Bachelor of Arts in the School of Economics, and it is recommended for Economics students who wish to present only one course in Geography as part of their plan of study for the Ordinary degree of Bachelor of Economics.

91. Geography I.

Survey of physical and human geography. Regional differentiation of the world; physical structure, climate, soils, and natural vegetation patterns; the nature and distribution of population; utilization of land and other resources; relation between economic activities and cultural level of the inhabitants.

PRACTICAL WORK: Interpretation of topographic maps; preparation of selected graphs and diagrams. At least two field excursions will be held from which a geographic study of one area is to be prepared.

Text-book:

James, P. E., and Kline, H. V. B., *Geography of man* (Ginn).

Reference books:

- Bowman, I., *Pioneer fringe* (American Geographical Society).
 Bowman, I., *The Andes of Southern Peru* (American Geographical Society).
 Brunhes, J., *Principles of human geography*, new English edition (Harrap, 1952).
 Bygott, J., *Mapwork and practical geography* (University Tutorial Press).
 Calder, Ritchie, *Men against the desert* (Allen and Unwin).
 Calder, Ritchie, *Men against the jungle* (Allen and Unwin).
 Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).
 Cressey, G., *Land of the 500 million* (McGraw-Hill).
 Davis, D. H., *The earth and man* (Macmillan).
 East, G., *The historical geography of Europe* (Methuen).
 Finch, V. C., and Trewartha, G. T., *Elements of geography, physical and cultural*, 4th edition (McGraw-Hill).
 Forde, C. D., *Habitat, economy and society* (Methuen).
 Kellogg, C. E., *The soils that support us* (Macmillan).
 Kish, G. (ed.), *An introduction to world geography* (Prentice-Hall).
 Newbigin, M., *The Mediterranean lands* (Christophers).
 Pelzer, K., *Pioneer settlement in the Asiatic tropics* (American Geographical Society).
 Price, A. G., *White settlers in the tropics* (American Geographical Society).
 Russell, R. J., and Kniffen, F. B., *Culture worlds* (Macmillan).

- Unstead, J. F., *A world survey* (London U.P.).
 U.S.A. Department of Agriculture Year Books, 1938 and 1948.
 Vidal de la Blache, P., *Principles of human geography* (Constable).
 Wells, H. G., *The outline of history* (Cassell).
 Wooldridge, S. W., and Morgan, R. S., *The physical basis of geography* (Longmans).

Other references will be prescribed by the lecturers.

92. Geography II.

A. PHYSICAL GEOGRAPHY: Further study of physical geography, and an introduction of statistical methods. The inter-relationship of climate with the other factors of the natural landscape—physiography, soils and vegetation.

B. THE GEOGRAPHY OF AUSTRALIA: A study of the physical environment, climate, soils, vegetation and land forms. A historical study of the most important primary industries. Mineral resources, secondary industries, population distribution and trade.

C. REGIONAL GEOGRAPHY: (North America or Europe). An introductory discussion of the regional concept; regional-economic geography, its basis and function. A general treatment of the physical factors of the environment; physiography, climate and soils, emphasizing their relationship to the development of human activity.

The regional-economic picture of land utilisation, including agriculture, industry and commerce; historical factors influencing settlement; an analysis of the current economic activity and national and local policies regarding future development.

D. PRACTICAL WORK: The work deals with the preparation of climatic charts and maps, and some statistical handling of climatic material. A field camp will be held in March before the beginning of the first term. All students should contact the Department of Geography before February 20, 1959.

Text-books:

- Trewartha, G., *An introduction to weather and climate* (McGraw-Hill).
 Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (M.U.P.).
 Pounds, N. J. G., *Europe and the Mediterranean* (McGraw-Hill), or
 White, C. L., and Foscue, E. J., *Regional geography of Anglo-America*, 2nd edition (Prentice-Hall).

Reference books:

- A. Robinson, G. W., *Soils, their origin, constitution and classification*, 3rd edition, reprint (Murby, and Allen and Unwin, 1951).
 Cotton, C. A., *Geomorphology* (Whitcombe and Tombs).
 B. C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).
Atlas of Australian resources (Department of National Development, Canberra).
Year Book of the Commonwealth of Australia (Commonwealth Bureau of Census and Statistics, Canberra).
 C. (i) Europe
 Shackleton, M. R., *Europe*, 4th edition (Longmans).
 Stamp, L. D., and Beaver, S. H., *British Isles* (Longmans).
 East, G., *Historical geography of Europe* (Methuen).
 Fitzgerald, W., *The new Europe* (London).
 Smith, W., *An economic geography of Great Britain*, 2nd edition (London).
 Gottmann, J., *A geography of Europe*, 2nd edition (Henry Holt, 1955).
 Dickinson, R. E., *Germany* (Methuen).
 Unstead, J. F., *A systematic regional geography*, 2nd edition, Vol. 2, *Europe* (U.L.P.).
 Kubiěna, W. L., *The soils of Europe*, Madrid, 1953 (Murby).

or

(ii) North America

- Smith, J. R. and Phillips, O., *North America* (Henry Holt).
 Putnam, Donald F., *Canadian regions* (Crowell).
 Pounds, N. J. G., *North America* (Murray, 1955).

- Miller, G. J., Parkins, A. E. and Hudgins, B., *Geography of North America* (Wiley).
- Freeman, O. W., and Martin, H. H., *The Pacific northwest: An overall appreciation* (Wiley).
- Visher, S. S., *Climatic atlas of the United States* (Harvard U.P.).
- Zierer, C. M., *California and the south west* (Wiley, 1956).
- D. Monkhouse, F. J., and Wilkinson, H. R., *Maps and diagrams* (Methuen, 1952).
- Debenham, F., *Map making* (Blackie).
- Steers, J. A., *An introduction to the study of map projections* (Bickley, Kent, Univ. of London).
- Higgins, A. L., *Elementary surveying* (Longmans).
- Coggins, R. S., and Hefford, R. K., *The practical geographer* (Longmans).
- Other texts and current publications will be prescribed by the lecturers.

93. Geography III.

A. CLIMATIC CLASSIFICATION. The physical factors which determine the pattern of climate on the earth. A critical study of the various attempts at climatic classification in the last century, with particular reference to the classifications of Köppen and Thornthwaite, and the recent climatic work of the Waite Institute.

B. REGIONAL GEOGRAPHY: The following regions will be studied in 1959:

India and Pakistan,
U.S.S.R. or China,
Japan, South-East Asia.

C. PRACTICAL FIELD WORK: A field camp will be held during the May vacation. Individual research into historical documents and current information.

Books for reference:

- A. Haurwitz and Austin, *Climatology* (McGraw-Hill).
Publications on climatic classification will be prescribed by the lecturer.
- B. Price, A. Grenfell, *White settlers in the tropics* (New York, 1939).
De Castro, J., *Geography of hunger* (London, 1952).
Kolarz, W., *The peoples of the Soviet Far East* (London, 1954).
Cressey, G. B., *Asia's lands and peoples* (New York, 1954).
East, W. G., and Spate, O. H. K., *The changing map of Asia* (London, 1950).
Zinkin, M., *Asia and the West* (I.P.R., 1953).
Ball, W. Macmahon, *Nationalism and communism in East Asia* (I.P.R., 1953).
Weigert, H. W., and others, *New compass of the world* (London, 1949).
Thomas, W. L. (ed.), *Man's role in changing the face of the earth* (Chicago U.P., 1955).
Fryer, D., *Indonesia* (Longmans).
Spate, O. H. K., *India and Pakistan* (Methuen).
Shabad, T., *Geography of the U.S.S.R.*
Baransky, N., *Economic geography of the U.S.S.R.* (Moscow, 1956).
Gregory, J. S., and Shave, D. W., *The U.S.S.R.: A geographical survey* (Wiley).
Trewartha, G. T., *Japan* (Wisconsin U.P., 1947).
Cohen, J. B., *Japan's economy in war and reconstruction* (London, 1949).
Shabad, T., *China's changing map* (Methuen, 1956).
Adler, S., *The Chinese economy* (Routledge, 1957).
Cressey, G. B., *Land of the 500 million* (McGraw-Hill).

95. Economic Geography.

A course of two lectures and one tutorial a week throughout the academic year dealing with the field and function of Economic Geography.

NATURAL ENVIRONMENT—a brief outline.

Elements of the natural landscape, their world distribution and influence upon economic activities; climatic regions and their associated natural vegetation and human occupation.

ECONOMIC ACTIVITIES—A detailed study.

Nature of wants and resources; distribution of population; factors affecting land utilisation; the agricultural economies of the world; agricultural production of the principal foods and raw materials; fisheries of the world; world timber resources and utilisation; mining and industrial power supply; manufacturing industries, the main groups of industry, factors of location, development in Europe, North America, Asia and Australia; transport and trade, with special reference to Australia, Britain and U.S.A.; functions of cities, functional zoning within cities; the economic bases of the main powers of the world, the United Kingdom, the United States of America, the U.S.S.R. and Australia.

Books:

- A. Prescribed text:
Jones, C. F., and Darkenwald, G. G., *Economic geography*, revised edition (Macmillan).
- B. Reference books:
Zimmerman, E. W., *World resources and industries* (Harper, 1951).
Wadham, S. M., and Wood, G. L., *Land utilization in Australia* (M.U.P.).
Shaw, E. B., *World economic geography* (Wiley).
Oxford economic atlas of the world (O.U.P.).
Commonwealth Year Books (Commonwealth Government Printer).
Bartholomew, *The comparative atlas* (Meiklejohn).
Smith, Wilfred, *An economic geography of Great Britain*, 2nd edition (Methuen).
Meier, Richard L., *Science and economic development* (Wiley).

Further selected readings of geographical and other publications will be prescribed by the lecturer.

98. Geography for the Honours Degree of B.A.

It is the practice to conduct Interim Honours classes concurrently with third year Geography and Final Honours classes in the fourth year. Detailed arrangements for these classes will depend on enrolments and students are advised to communicate with the Professor of Geography well before the beginning of the academic year.

In addition to attending seminars on special topics, e.g., History of Geographical Thought, Methodology, Cartography, and Regional Geography, Honours students are required to submit a field study on a selected geographical problem.

DIPLOMA IN EDUCATION

Candidates for the diploma in Education are recommended to take the course as far as possible *pari passu* with their degree course, extending it over four or more years. The diploma may be completed in a single year only by those who have graduated or have completed the prescribed number of degree courses. Candidates who wish to arrange for the extended course are advised to consult the Lecturer in Education regarding the order in which the subjects had best be taken. Lectures are given and examinations held in each subject and part subject every year.

101. Education.

The course of lectures is given every year, and is completed in one year.

Subjects of examination:

- (a) The lectures on the history and the theory of education.

History of Education.

Students who have done little or no reading in ancient history are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

Main book to be read:

Boyd, W., *History of western education* (Black).

Other books which may be usefully read:

- Curtis and Boulwood, *A short history of educational ideas* (Univ. Tutorial Pr.).
 Monroe, P., *Brief course in the history of education* (Macmillan).
 Cubberley, E. P., *History of education* (Mifflin).
 Butts, R. F., *A cultural history of education* (McGraw-Hill).
 Eby, F., *The development of modern education* (Prentice-Hall).
 Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval* (Prentice-Hall).
 Brubacher, *A history of the problems of education* (McGraw-Hill).

Theory of Education.

Book set:

- Nunn, T. P., *Education, its data and first principles* (Arnold).

Recommended for additional reading:

- Rousseau, J. J., *Emile* (Everyman).
 Plato, *Republic* (Everyman or Cornford. Translation—Oxford) [Parts referring to Education].
 Rusk, Robert R., *The doctrines of the great educators* (Macmillan).
 Clarke, F., *Freedom in the educative society* (London U.P.).
 Cook, H. C., *Play way* (Heinemann).
 Whitehead, *Aims of education* (Williams and Norgate).

(b) The exercises set during the year.

105. Hygiene.

This course consists of one lecture a week for three terms. After an introduction on objectives, definitions, and sources of information the subject is divided as follows:

PERSONAL HYGIENE—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems; the hygiene of the eye, ear, nose, throat, teeth, and skin; and the principles of nutrition and heredity.

COMMUNITY HYGIENE—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

Text-books:

- Williams, J. F., *Personal hygiene applied* (Saunders).
 Abbie, A. A., *Human physiology* (Angus and Robertson).
 Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

106, 107 and 108. Principles of Pre-Primary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

106. PART I.

Pre-primary school aims, organisation and methods with special consideration of the development of children from birth to the age of eight.

Books prescribed for reading:

- Hume, E. G., *Learning and teaching in the infants' school* (Longmans).
 Kenwick, E. E., *Number in the nursery and infant school* (Paul, Trenchard and Trubner).
 Marion Anderson and others, *Activity methods for children under eight* (Evans).
 Arrowsmith, G., and others, *Reading: an educational approach* (Evans).
 Bell, Vicars, *On learning the English tongue* (Faber).
 Isaacs, Susan, *The nursery years* (Routledge and Kegan Paul, 1949).

Reference books:

- Schonell, F. J., *Psychology and teaching of reading* (Oliver and Boyd).
 Serjeant, F. Irene, *From day to day in the infant school* (Blackie).
 Munro, R., *A teachers' manual* (Nisbet, 1954).
 Simpson, D., and Alderson, D., *Creative play in the infants' school* (Pitman).

107. PART II.

A study of the historical development of the Infant School in England and in South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the Infant School; a more detailed consideration of aims and methods of teaching and class and school management; typical modern developments in educational practice—audio-visual education, the library in the Infant School, education of handicapped children, and parent co-operation in education.

Books prescribed for reading:

- Rusk, R. R., *History of infant education* (London U.P.).
 Mellor, Edna, *Education through experience in the infant school years* (Blackwell).
 Gardner, D., *Testing results in the infants' school* (Methuen).
 Highfield, Miriam, *The young school failure* (Oliver and Boyd).
 Grassam, E. H., *Getting ready for reading teachers' manual* (Ginn).

Reference books:

- Strang, R. M., *Introduction to child study* (Macmillan).
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
 Sampson, G., *English for the English* (C.U.P.).

108. PART III.

The evolution and function of the infant school in relation to the present social background; a comparative study of English, American and local systems. Current problems and modern developments in infant education with some reference to research and experimental work.

Reading additional to the prescribed books will be suggested.

Books prescribed for reading:

- Great Britain, Board of Education, *Infant and Nursery School Report* (H.M.S.O.).
 Scottish Education Department, *Primary Education* (H.M.S.O.).
 Lawrence, E., *Friedrich Froebel and 100 years of English Education* (U.L.P.).
 Davey, C. M., *Children and their lawmakers*.
 Jersild, A. T., *Child psychology* (Prentice-Hall).
 Brown, Y. V. (ed.), *The experience of poetry in school* (O.U.P.).

109, 110 and 111. Principles of Primary Education.

109. PART I.

A general survey of primary school aims, organization and methods.

Books prescribed for reading:

- Elijah, J. W., and Cole, J. A., *The principles and technique of teaching* (Whitcombe and Tombs).
Geography in the primary school, Report of the Geographical Association, Nov., 1949, Manchester.
 Keith and Robertson, *The principles of arithmetic* (Blackie).
 Jeffreys, M. V. C., *History in schools* (Pitman).

Reference books:

- Handbook for geography teachers* (Methuen).
 Lancelot, W. H., *Permanent learning* (Wiley).
 Glover, A. H. T., *New teaching for a new age* (Nelson).
 Gopsill, G. H., *The teaching of geography* (Macmillan).
 Education Department of South Australia, *Arithmetic handbook for teachers in primary schools*.
 Polkinghorne, R. K. and M. I. R., *Fundamental number teaching* (Harrap).
 Ellwood, W. H., *A handbook for the elementary school teacher* (Whitcombe and Tombs).

110. PART II.

A study of the historical development of the Primary School in England and South Australia during the nineteenth and twentieth centuries leading to a consideration of the function of the Primary School; a more detailed consideration of aims and methods of teaching and class and school management; educational tests and measurements; typical modern developments in educational practice—visual education, school libraries, individual methods, cumulative records.

Books prescribed for reading:

- Daniel, M. V., *Activity in the primary school* (Blackwell).
 Sampson, G., *English for the English* (C.U.P.).
 Great Britain, Board of Education, *Handbook of suggestions for teachers* (1937 ed. or later).
 Schonell, F., *The psychology and teaching of reading* (Oliver and Boyd).
 Washburne, C., *Adjusting the school to the child* (World Book Co.).
 Social studies for schools (M.U.P.).
 Sussams, T. W., *Poetry and the teacher* (Nelson).
 The teaching of mathematics in primary schools. A report prepared for the Mathematical Association (Bell, London).
 Schonell, F. J., and Schonell, F. E., *Diagnosis and remedial teaching in arithmetic* (Oliver and Boyd).
 Dray and Jordon, *A handbook of social studies* (Methuen).

Reference books:

- Hemming, J., *The teaching of social studies in secondary schools* (Longmans, Green and Co.).
 Nicholson, F. J., and Wright, V. K., *Social studies for future citizens* (Harrap).
 Dent, *Education in transition* (Routledge).
 Glassey, W., and Weeks, E. J., *The educational development of children* (Univ. of London Press).
 Barnett, Nora M., Faithful, Marjorie G., and Theakston, T. R., *Juniors learning mathematics* (Educational Association, London).

111. PART III.

The function of the primary school considered in relation to the present social background; a comparative study of the English and local systems. Current problems and modern developments in primary education, with some experimental work.

The course will be conducted by the seminar method, and readings additional to the prescribed books will be suggested.

Books prescribed for reading:

- Great Britain, Board of Education, *The Primary School* (H.M.S.O.).
 Scottish Education Department, *Primary education* (H.M.S.O.).
 University of London Institute of Education, *Studies in Education*. No. 6.
The problems of secondary education today (Evans Bros. Ltd., London).
 Washburne, C. W., *Adjusting the school to the child* (World Book Company).
 Hartog, Sir Philip, *Words in action* (Univ. of London Press).
 Fairgrieve, J., *Geography in school* (U.L.P.).
 Clarke, F., *Foundation of history teaching* (O.U.P.).
 Schonell, F. J., *Backwardness in the basic subjects* (Oliver and Boyd).
 Wilson, G. M., Stone, M. B., Dalrymple, C. D., *Teaching the new arithmetic* (McGraw-Hill, N.Y.).
 Fleming, C. M., *Research and the basic curriculum* (U.L.P.).
 Wesley, E. B., and Adams, Mary A., *Teaching social studies in elementary schools* (Heath, Boston).

112, 113 and 114. Principles of Secondary Education.

The course consists of three parts. Graduates may complete the course in one year, but in general candidates are advised to take it *pari passu* with their degree course, extending the work over three or even four years.

112. PART I.

General survey of school aims, organisations and methods, with special consideration of primary schools.

A more detailed survey of the principles of teaching English, Social Studies, Mathematics and General Science, with particular reference to primary schools.

Books for reference:

Great Britain, Scottish Education Department, *Primary education* (H.M.S.O.).

Great Britain, Board of Education, *Handbook of suggestions for teachers* (H.M.S.O., 1937).

Melvin, A. Gordon, *General methods of teaching* (McGraw-Hill).

Kennedy, *The teacher in the making* (Oliver and Boyd).

Sampson, George, *English for the English* (C.U.P.).

Hemming, James, *The teaching of social studies in secondary schools* (Longmans).

Keith and Robertson, *The principles of arithmetic* (Blackie).

A report for the Mathematical Association: *The teaching of mathematics in primary schools* (Bell).

Harris, Thistle Y., *The teaching of nature study* (A.C.E.R.).

113. PART II.

A general study of secondary school problems and methods, and a more detailed study of the principles of teaching the chief secondary school subjects, together with the necessary historical background and some consideration of "further" education.

Books prescribed for reading:

Great Britain, Board of Education, *Report of the consultative committee on the education of the adolescent* (Hadow Report) (H.M.S.O.).

Great Britain, Board of Education, *Report of the consultative committee on secondary education* (Spens Report) (H.M.S.O.).

Great Britain, Board of Education, *Report of the committee of the secondary school examinations council—curriculum and examinations in secondary schools* (Norwood Report) (H.M.S.O.).

Great Britain, Board of Education, *Report of the committee on public schools—the public schools* (Fleming Report) (H.M.S.O.).

Scottish Education Department, *Secondary education, a report of the advisory council on education in Scotland* (H.M.S.O.).

The future of secondary education in Wales (1949) (Central Advisory Council for Education, Wales).

The new secondary education (British Ministry of Education Pamphlet No. 9) (H.M.S.O.).

Dent, H. C., *Secondary education for all: origins and development in England* (Routledge).

Students should consult the lecturers in the various secondary school subjects for reading in these fields.

114. PART III.

More advanced course of directed reading, seminar exercises, essays and reviews, embracing:—

- (a) the growth of secondary education in Great Britain during the nineteenth and twentieth centuries.
- (b) a comparison of the systems, aims and problems of secondary education in the leading countries of western Europe, U.S.A. and Australia.
- (c) special consideration of aims and methods of teaching in one approved subject.

116 and 117. Educational Psychology.

Candidates are advised to take Part I of this subject as early as possible in their course, and to pass in Psychology IA (80) or Psychology I (81) as prescribed for the B.A. degree before beginning Part II.

116. PART I.

An introductory course, dealing with the growth and development of children and with the nature of the learning process.

The course will be developed as follows:

- I. Preliminary section.
Educational psychology: its field, methods and relationship to psychology.
- II. Growth and development of children.
 1. Introduction: Personality.
Individual differences.
 2. Physical, emotional, social, moral and mental development.
- III. The learning process.
 1. Habit.
 2. Motivation, needs theory.
 3. Theories of learning.
 4. Principles of learning.
 5. Depth psychology, remembering and forgetting.
 6. Mental processes involved in:
Forming concepts, language development and thinking.
- IV. Special topics.
 1. Evaluating the results of learning.
 2. Mental hygiene in the class-room.

Text-books:

Eysenck, H. J., *The uses and abuses of psychology* (Pelican).
(This book should be read before the beginning of lectures.)

Smith, H. P., *Psychology in teaching* (Prentice-Hall).

Reference books:

Lindgren, H. C., *Educational psychology in the class-room* (Wiley).

Peel, E. A., *The psychological basis of education* (Oliver and Boyd).

Thompson, G. G., *Child psychology: growth trends in psychological adjustment* (Houghton, Mifflin).

Blair, G. M., Jones, R. S., and Simpson, R. H., *Educational psychology* (Macmillan).

117. PART II.

A more advanced course dealing with the nature of the learner and of the learning process, with special reference to their bearing on educational practice.

The course will be developed as follows:

- I. The nature of the learner as a developing organism.
 1. More detailed consideration of:
 - (1) Physical development.
 - (2) Intellectual development, with special discussion of the nature and development of intelligence and the rôle of the unconscious.
 - (3) Emotional development.
 - (4) Social and moral development.
- II. The nature of the learner.
 1. More detailed consideration of:
 - (1) The nature of the learning process.
 - (2) Theories of learning.
 - (3) Factors affecting learning.
 - (4) The thinking process.
- III. The bearing of the nature of the learner and of the learning process on educational practice.
 1. Methods of teaching the various "subjects" in the curriculum.
 2. Group dynamics.
 3. Appraisal of learning.
Evaluation and measurement will be considered in detail, with special reference to the application of the more common statistical methods to data derived from the class-room.
 4. Guidance—educational and vocational.
 5. Mental hygiene in the class-room.

Text-books:

- Bernard, H. W., *Psychology of learning and teaching* (McGraw-Hill).
 Pressey, S. L., and Robinson, F. P., *Psychology and the new education* (Harper).
 Oeser, O. A. (ed.), *Teacher, pupil and task* (Tavistock).
 Remmers, H. H., and Gage, N. L., *Educational measurement and evaluation* (Harper).

Reference books:

- Wallas, G., *The art of thought* (Cape).
 Cronbach, L. J., *Educational psychology* (Harcourt, Brace).
 Bernard, H. W., *Mental hygiene for class-room teachers* (McGraw-Hill).
 Horrocks, J. E., *The psychology of adolescence* (Harrap).
 Other reference books will be given during the course.

119. Practical Teaching.

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons, and ten weeks (ordinarily not consecutive) for continuous teaching practice in such schools and under such conditions of supervision and reports as the Faculty may approve.

MUSIC FOR THE DEGREE OF BACHELOR OF ARTS

121. Music I.

A. HISTORY OF MUSIC I—as for the second year course for the Diploma of Associate in Music (see syllabus No. 726).

B. FORM—as for the first year course for the degree of Bachelor of Music (See syllabus No. 731).

123. Music II.

A. HISTORY OF MUSIC II—as for the first year course for the degree of Bachelor of Music (See syllabus No. 727).

B. MUSICAL CRITICISM AND AESTHETICS—as for the second year course for the degree of Bachelor of Music (See syllabus No. 738).

125. Music III.

A. HISTORY OF MUSIC III—as for the second year course for the degree of Bachelor of Music (See syllabus No. 728).

B. SPECIAL STUDY in an approved field:

1. The English madrigal.
2. Instrumental music of mid-eighteenth century Germany.
3. The carol.
4. The string quartets of Haydn.
5. Music of the Australian aborigine.
6. Any other approved field.

ECONOMICS

The three main courses in Economics which constitute a sequence for the ordinary degrees of Bachelor of Arts and Bachelor of Economics are given annually alternately as day lectures and evening lectures. No student proceeding to a degree may take the course in Economics II until he has passed the final examination in Economics I, or the course in Economics III until he has passed the final examination in Economics II.

It is proposed at present to give these courses in Economics as either day or as evening lectures, as follows:

	1959	1960	1961
Economics I	Day	Evening	Day
Economic II	Evening	Day	Evening
Economics III	Day	Evening	Day

This arrangement will permit a student to take the courses in Economics I, II, and III in successive years as a sequence either of day lectures or of evening lectures, according to the year in which he takes Economics I.

150. Social Economics.

This course is designed for students who intend to take only a one-year course in Economics, and all such students are recommended to take it instead of the course in Economics I. It will not be accepted as qualifying a student to proceed with the course in Economics II, for which Economics I is a pre-requisite.

This course is given annually alternately as day lectures and evening lectures. It will be given in 1959 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

The economic basis of social welfare, with special reference to national income, unemployment, full employment, money and banking, labour and wages, distribution of income and wealth, social security and welfare services, international trade, undeveloped areas.

Text-books:

- Downing, R. I., *National income and social accounts*, 3rd edition (M.U.P.).
 Samuelson, P. A., *Economics*, 3rd or 4th edition (McGraw-Hill).
 United Nations, *Measures for economic development of underdeveloped areas*.

Reference books:

- United Nations, *National and international measures for full employment*.
 Commonwealth Bureau of Census and Statistics, *Labour report* (latest issue) (Government Printer).
 Rothschild, K. W., *The theory of wages* (Blackwell).
 Walker, K. F., *Industrial relations in Australia* (Harvard).
 United Nations, *Measures for international economic stability*.
 Tew, B., *Wealth and income*, 3rd edition (M.U.P.).
 Nurkse, R., *Problems of capital formation in underdeveloped countries* (Blackwell).
 Tew, M., *Work and welfare in Australia* (M.U.P.).

151. Economics I.

The course will be given in 1959 as day lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Scope of economics. National income—its production, distribution and disposal. The structure of the modern economy.
2. Introduction to the theory of value.
3. Introduction to the theory of outlay and employment.

Exemption from lectures in Economics I is not usually granted.

Text-books:

- Downing, R. I., *National income and social accounts*, 2nd edition (M.U.P.).
 Tew, B., *Wealth and income*, 2nd or 3rd edition (M.U.P.).
 Samuelson, P. A., *Economics*, 3rd or 4th edition (McGraw-Hill).

Reference books:

- Hicks, J. R., *The social framework*, 2nd edition (O.U.P.).
 Rothschild, K. W., *The theory of wages* (Blackwell).
 Tarshis, L., *Elements of economics* (Houghton Mifflin).
 United Nations, *National and international measures for full employment*.
 I.L.O., *31st International labour conference 1948—Report 6.A—Wages*.
 Stigler, G. J., *The theory of price* (revised 1953) (Macmillan).
 Stonier, A., and Hague, D., *A text-book of economic theory* (Longmans).
 Eastham, K., *Introduction to economic analysis* (O.U.P.).

- Benham, F., *Economics*, 5th edition (Pitman).
 Boulding, K., *Economic analysis*, revised edition (Hooper).
 Morgan, V., *First approach to economics* (Pitman).
 Williams, G., *The economics of every day life* (Penguin).

Additional references will be prescribed by the lecturers.

152. Economics II.

Students who passed Economics I prior to 1951 and who wish to take Economics II will be required to attend in addition to the full course in Economics II one lecture a week in Section 3 of Economics I and to pass in a special examination covering this work. This special examination may be taken prior to or at the same time as the examination in Economics II.

Economics II will be given in 1959 as evening lectures. It comprises two lectures and one tutorial a week. Its scope is as follows:

1. Money, banking and finance with special reference to the general level of economic activity.
2. Industrial organization; pricing theory; government policy in industry.
3. Agricultural organization.

Text-books:

- Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Tew, B., *Wealth and income*, 2nd or 3rd edition (M.U.P.).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson's University Library).
 Sayers, R. S., *Modern banking*, 3rd edition (O.U.P.).
 Arndt, H. W., *The Australian trading banks* (Cheshire).
 Beacham, A., *Economics of industrial organization* (Pitman).
 Cohen, R., *Economics of agriculture*, new edition (C.U.P.).

Reference books:

- Giblin, L. F., *The growth of a central bank* (M.U.P.).
 Sayers, R. S., *The American banking system* (O.U.P.).
 Sayers, R. S., *Central banking after Bagehot* (O.U.P.).
 Macrae, N., *The London capital market* (Staples).
 Paish, F. W., *Business finance* (Pitman).
 Dacey, W. Manning, *The British banking mechanism* (Hutchinson's University library).
 Sayers, R. S. (ed.), *Banking in the British dominions* (O.U.P.).
 Meade, J. E., *Theory of international economic policy*, Vol. I *The balance of payments* (O.U.P.).
 Andrews, P. W. S., *Manufacturing business* (Macmillan).
 Yamey, B. S., *The economics of resale price maintenance* (Pitman).
 Steindl, J., *Small and big business* (Blackwell).
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).
 Edwards, C. D., *Maintaining competition* (McGraw-Hill).
 Robinson, E. A. G., *Monopoly* (C.U.P.).
 Walker, K. F., *Industrial relations in Australia* (Harvard).
 Burns, A. R., *The decline of competition* (McGraw-Hill).
 Chamberlin, E. H., *The theory of monopolistic competition* (Harvard U.P.).
 Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
 Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
 Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
 Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Additional references will be prescribed by the lecturers.

153. Economics III.

The course will be given in 1959 as day lectures. It comprises three lectures and one tutorial a week. Its scope is as follows:

1. Theory of economic activity and the trade cycle.
 2. Wages, the general price level, interest rates.
 3. International economics.
 4. Government accounting, public finance and fiscal policy.
- Exemption from lectures in Economics III is not usually granted.

Text-books:

- Keynes, J. M., *General theory of employment, interest and money* (Macmillan).
 Hansen, A., *Monetary theory and fiscal policy* (McGraw-Hill).
 Day, A. C. L., *Outline of monetary economics* (O.U.P.).
 Ellsworth, P. T., *The international economy*, 2nd edition (Macmillan).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson).
 Hicks, U. K., *Public finance*, 2nd edition (C.U.P.).
 Kaldor, N., *An expenditure tax* (Allen and Unwin).
 United Nations, *National and international measures for full employment*.
 United Nations, *Measures for international economic stability*.
 Commonwealth of Australia, *Reports of the Commonwealth Grants Commission*.
 Commonwealth Bureau of Census and Statistics, *Australian balance of payments* (latest issue).
 Commonwealth of Australia, *Annual economic survey* (latest issue).

Reference books:

- Hansen, A., *A guide to Keynes* (McGraw-Hill).
 Hansen, A., *Business cycles and national income* (Norton).
 Phelps Brown, E., *A course in applied economics* (Pitman).
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).
 Klein, L., *The Keynesian revolution* (Macmillan).
 American Economic Association, *Readings in business cycle theory* (Allen and Unwin).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 Brown, A. J., *The great inflation, 1939-1951* (O.U.P.).
 American Economic Association, *Readings in the theory of international trade* (Allen and Unwin).
 League of Nations, *International currency experience*.
 Kindleberger, P., *International economics* (Irwin).
 Meade, J. E., *Theory of international economic policy*, Vol. I. *The balance of payments* (O.U.P.).
 MacDougall, D., *The world dollar problem* (Macmillan).
 United Nations, *Measures for the economic development of under-developed countries*.
 United Nations, *Budgetary structure and classification of Government Accounts*.
 Simons, H. C., *Personal income taxation* (Chicago U.P.).
 Additional references will be prescribed by the lecturers.

154. Economic Development I.

This will be a second-year course in economic history concerned with the economic development of the United Kingdom, the United States of America and Australia. It will be available in 1959 and will comprise two lectures and one tutorial a week. Day lectures will be given in odd years and evening lectures in even years. Students must pass Social Economics or Economics I before taking Economic Development I. A detailed syllabus and list of text-books will be available early in 1959 and should be obtained from the Assistant to the Dean of the Faculty of Economics when enrolling for the course.

155. Economic Development II.

This course will be concerned with the secular development of economies and with a comparative study of economic systems. It will be available in 1959 and will comprise two lectures a week. Lectures will be in the daytime in even years and in the evening in odd years. Exemption from lectures in Economic Development II will not usually be granted. Students must complete Economic Development I before Economic Development II, and either complete Economics III before Economic Development II or take the two courses concurrently. A detailed syllabus and list of text-books will be available early in 1959 and should be obtained from the Assistant to the Dean when enrolling for the course.

156. Agricultural Economics.

This course is offered annually for students proceeding to the degree of Bachelor of Agricultural Science and to students proceeding to the degree of Bachelor of Science in Forestry and is available only to such students. The course comprises two lectures a week throughout the year and provides an introduction to the general principles of economics, with special reference to Australian agriculture and forestry.

The scope of the course is as follows:

1. Elementary theory of the level of economic activity. The impact of agriculture on national income, balance of payments and economic development.
2. Elementary theory of resource allocation. The characteristics of supply and demand in agriculture.
3. Production economics and farm management.
4. Agricultural policy in Australia and in some overseas countries.

Text-books:

Samuelson, P. A., *Economics*, 4th edition (McGraw-Hill).
Cohen, R., *The economics of agriculture*, revised edition (C.U.P.).

Reference books:

Black, J. D., *Introduction to economics for agriculture* (Macmillan).
Shepherd, G. S., *Agricultural price and income policy* (Iowa State College).
Shepherd, G. S., *Agricultural price analysis* (Iowa State College).
Halcrow, H. G., *Agricultural policy of the U.S.* (Prentice-Hall).
Schultz, T. W., *Production and welfare of agriculture* (Macmillan).
Schultz, T. W., *The economic organization of agriculture* (McGraw-Hill).
Johnson, D. G., *Forward prices for agriculture* (University of Chicago).
Crawford, J. G., *Australian agricultural policy* (University of Adelaide).
Bradford, L. A., and Johnson, G. L., *Farm management analysis* (Wiley).
Beneke, R. R., *Managing the farm business* (Wiley).
Heady, Earl O., *Economics of agricultural production and resource use* (Prentice-Hall).
Heady, E. O., and Jensen, H., *Farm management economics* (Prentice-Hall).

Williams, D. B., *Economic and technical problems of Australia's rural industries* (M.U.P.).

Additional references will be prescribed by the lecturer.

158. Economics for the Honours Degrees of B.A. and B.Ec.

Detailed arrangements for classes will depend on enrolments, and students are advised to communicate with the Professor of Economics well before the beginning of the academic year. Students will be admitted to Honours classes only with the approval of the Professor. The Honours work falls into two divisions. Interim honours classes are conducted for third-year students and final honours classes in the fourth year. A regular seminar for interim and final honours is held on current economic problems and special topics.

INTERIM HONORS:

More advanced treatment of the topics covered by pass courses.

FINAL HONOURS:

(i) Final Honours students are required to undertake a research project and present a thesis on it of not more than 10,000 words. The thesis will form part of the final honours examination. Students must have the subject of their theses approved by the Professor of Economics and be allotted to supervisors before the end of the academic year preceding their final honours year. Students must commence work on their projects during the long vacation preceding their final honours year and must report to their supervisors not later than during the first week of February. They will be required to keep in touch with their supervisors, to present a progress report to them not later than during the first week of the first term, and to submit a final draft of their theses not later than during the sixth week of the first term. Four copies of the thesis typed double spaced on quarto paper must be presented not later than the last day of the first term. Students will be required to submit themselves to an oral examination on their theses during the second term. Until the end of the first term students will be expected to devote their whole time to their theses.

(ii) Lectures and tutorials will be provided in the second and third terms. Students will be expected to prepare papers on set topics. The work will cover topics drawn from the following fields:—

Capital and interest, wages, methodology, welfare economics, economic development, economic fluctuations, international economics, pricing theory, economic accounting.

The following books provide a basis for Honours work:

- Hutchison, T. W., *A review of economic doctrines, 1870-1929* (O.U.P.).
 Marshall, A., *Principles of economics*, 9th edition (Macmillan).
 Robertson, D. R., *Lectures on economic principles*, Vols. I-III (Staples).
 Hicks, J. R., *Value and capital* (O.U.P.).
 Hicks, J. R., *A revision of demand theory* (O.U.P.).
 Pigou, A. C., *Economics of welfare*, 4th edition (Macmillan).
 Graaff, J. de V., *Theoretical welfare economics* (C.U.P.).
 Scitovsky, T., *Welfare and competition* (Allen and Unwin).
 Robbins, L., *The nature and significance of economic science* (Macmillan).
 Andrews, P. W. S., *Manufacturing business* (Macmillan).
 Chamberlin, E., *The theory of monopolistic competition* (Harvard U.P.).
 Triffin, R., *Monopolistic competition and general equilibrium theory* (Harvard U.P.).
 Wilson, T., and Andrews, P. W. S., *Oxford studies in the price mechanism* (O.U.P.).
 Keynes, J. M., *The general theory of employment, interest and money* (Macmillan).
 Sayers, R. S., *Modern banking*, 3rd edition (O.U.P.).
 Tew, B., *International monetary co-operation*, 2nd edition (Hutchinson's University Library).
 Gibling, L. F., *The growth of a central bank* (M.U.P.).
 Meade, J. E., *Theory of international economic policy*, Vols. I and II (O.U.P.).
 Duesenberry, J. S., *Business cycles and economic growth* (McGraw-Hill).
 MacDougall, D., *The world dollar problem* (Macmillan).
 Domar, E. D., *Essays in the theory of economic growth* (O.U.P.).
 Kaldor, N., *An expenditure tax* (Allen and Unwin).
 Kalecki, M., *Theory of economic dynamics* (Allen and Unwin).
 Hicks, J. R., *A contribution to the theory of the trade cycle* (O.U.P.).
 Robinson, J., *The rate of interest and other essays* (Macmillan).
 Harrod, R., *Towards a dynamic economics* (Macmillan).
Income, employment and public policy: Essays in honour of Alvin Hansen (Norton).
 American Economic Association, *A survey of contemporary economics*, Vols. I and II (Blakiston).
 Robinson, J., *The accumulation of capital* (Macmillan).
 Lewis, W. A., *The theory of economic growth* (Allen and Unwin).
 Powelson, J. P., *Economic accounting* (McGraw-Hill).

Additional references to books and journals will be given by the lecturers.

Examination.—The Final Honours examination will consist of six papers together with the thesis. The papers will be on the following subjects: value, outlay, money, industrial and agricultural organization, international economics, special topics.

161. Economic Statistics I.

Pre-requisite subject: Economics I or Social Economics, unless the Professor of Economics otherwise determines.

This course is given annually, alternately as day lectures and evening lectures. It will be given in 1959 as evening lectures. It comprises two lectures and one tutorial a week.

The course provides an introduction to statistical methods with special reference to applications in the field of economics. It includes discussion of the available Australian economic statistics and of the methods of compilation. The principal topics are: collection, presentation and description of data, with special reference to frequency distributions; sampling and significance, including the use of the

normal, t and χ^2 distributions; linear regression and correlation; time series; sample surveys; quality control; demography; index numbers of prices and volume; national income and social accounts.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been reached.

Exemption from lectures in Economic Statistics I is not usually granted.

Text-book:

Karmel, P. H., *Applied statistics for economists* (Pitman).

Reference books:

Croxtan, F. E., and Cowden, D. J., *Applied general statistics*, 2nd edition (Prentice-Hall).

Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).

Hoel, P. G., *Introduction to mathematical statistics*, 2nd edition (Wiley).

Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).

Yates, F., *Sampling methods for censuses and surveys* (Charles Griffin).

Jones, C., *Social surveys* (Hutchinson).

Pearson, E., *The application of statistical methods in industrial standardization and quality control* (O.S. No. 600, 1935).

Kuczynski, R. R., *The measurement of population growth* (Sidgwick and Jackson).

Mudgett, B. D., *Index numbers* (Wiley).

v. Hofsten, E., *Price indexes and quality changes* (Allen and Unwin).

Clark, C., and Crawford, J. G., *The national income of Australia* (Angus and Robertson).

United Nations, *Measurement of national income and construction of social accounts*.

United Nations: *A system of national accounts and supporting tables* (Studies and methods No. 2).

Edey, H. L. and Peacock, H. T., *National income and social accounting* (Hutchinson's University Library).

United Nations: *Index numbers of industrial production* (Studies and methods No. 1).

Carter, C. F., Reddaway, W. B., and Stone R., *The measurement of production movements* (C.U.P.).

Tinbergen, J., and Pollak, J. J., *The dynamics of business cycles* (Routledge and Kegan Paul).

Mauldon, F. R. E., *The use and abuse of statistics* (University of W.A.). *Papers presented at the conference of British Commonwealth Statisticians, Canberra, November, 1951* (Govt. Printer, Canberra).

Additional references will be prescribed by the lecturers.

Students will be expected to familiarize themselves with the publications of the Commonwealth Bureau of Census and Statistics. A detailed list of these publications will be provided. Students should procure copies of the latest issues of, at least, the following (all published by the Government Printer, Canberra):

Commonwealth of Australia, *National income and expenditure*.

Commonwealth Bureau of Census and Statistics, *Official year book; Statistician's report on Census 30th June, 1947; Labour report; Monthly review of business statistics*.

162. Economic Statistics II.

Candidates must have passed in Pure Mathematics I at the higher standard and in Economic Statistics I before taking this course.

Students will be required to prepare class exercises. Permission to sit for the final examination will not be granted unless a satisfactory standard in them has been obtained.

The course is offered every alternate year. It will be offered in 1959, and will be given if sufficient students enrol. It comprises two lectures and one tutorial a week.

Syllabus:

The course is divided into two parts. The first consists of an introduction to certain theoretical concepts in statistics which will be required for the second part of the course. The concepts treated are: the role of statistics in research; populations, samples; parameters, statistics; types of probability distributions; probability; estimation procedures—maximum likelihood, least squares; properties of estimates; confidence intervals; tests of hypotheses.

The second part of the course is an introduction to econometrics. Topics treated are: exact versus stochastic economic relations; multiple regression; economic structures and structural change; identification of structural parameters; classification of economic variables; some examples of systems of economic relationships; estimation of structural parameters in multiple equation systems; introduction to linear programming.

No set text-books are used. Reading will be from journal articles and from the following reference books:

- Mood, A. M., *Introduction to the theory of statistics* (McGraw-Hill).
 Tinbergen, J., *Econometrics* (Allen and Unwin).
 Tintner, G., *Econometrics* (John Wiley and Sons).
 Stone, R., *The role of measurement in economics* (C.U.P.).
 Klein, L. R., *A text-book of econometrics* (Row, Peterson).
 Allen, R. G. D., *Mathematical economics* (Macmillan).
 Dorfman, R., Samuelson, P. A., and Solow, R., *Linear programming and economic analysis* (McGraw-Hill).

169. Public Finance.

Pre-requisite subject: Economics I or Social Economics.

This course is offered every alternate year for students proceeding to the Diploma in Public Administration. It comprises one evening lecture a week. It will be offered in 1959, and will be given if sufficient students enrol.

The course is concerned with the nature, necessity and extent of Government intervention in the economy, and with the financing of such governmental activities.

The lectures deal with the nature of public revenues and expenditures; public and private enterprise; government budgetary control and Parliamentary responsibility; revenue and loan finance; the public debt; fiscal policy in relation to employment and prices; federal finance generally but with particular relation to federal financial history and problems in Australia; local government finance; the presentation and interpretation of government accounts; statistics of public finance; and current problems of public finance.

Text-books:

- Hicks, U. K., *Public finance*, 2nd edition (C.U.P.).
 Campbell, W. J., *Australian State public finance* (Law Book Co. of Australia.)

Reference books:

- Reports of the Commonwealth Grants Commission.*
Reports of the Commonwealth and State Auditors-General (for the current year).

Additional references will be prescribed by the lecturer.

COMMERCE.**171. Elements of Accounting.**

A general course in the elements of accounting, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of books recording transactions for a hypothetical business. No prior knowledge of the subject is required. Day lectures are given in even years, evening lectures in odd years.

The scope of the course is as follows:

(a) *Basic accounting method:*

The nature of business transactions and the purpose of accounting; the theory of double entry; the accounting equation; the basic structure of accounts; classification in accounting; book-keeping—the recording process; the journal and ledger in a simple system; the trial balance; subdivisions of the journal; control accounts and subsidiary ledgers; preparation of accounting reports; the trading account, the profit and loss account and the balance sheet; the matching of costs and revenues; balance day adjustments and closing entries.

(b) *Accounting theory:*

Accounting principles; basic conventions and doctrines and the limitations arising from their use; accounting concepts of cost, revenue and profit; the distinction between revenue and capital; accounting problems associated with the measurement of profit; depreciation and the valuation of fixed assets; stock valuation; fluctuating price levels and the maintenance of capital intact; differences between accounting and economic concepts.

(c) *Applied accounting method:*

Partnership accounts; company accounts; the accounting requirements of the Companies Act; the capital accounts in a joint stock company; shares; debentures; the appropriation account; provisions and reserves, reserve funds and sinking funds; secret reserves; goodwill; simple manufacturing accounts; the accounts of non-trading enterprises; the design of accounting systems and the chart of accounts; the presentation of accounting reports; the profit and loss statement, the funds statement and the balance sheet; modern examples of published company accounts; analysis and interpretation of accounting reports; the nature, scope and purpose of auditing; the evolution of accounting method and the place of accounts in modern society; introduction to management accounting, the accounts of public authorities and social accounts.

Books prescribed:

(a) Preliminary reading:

Goldberg, L., *An outline of accounting* (Law Book Co.).

(b) Text-books:

Goldberg, L. and Hill, V. R., *Elements of accounting* (Accountants' Publishing Company).

Chambers, R. J., *Accounting and action* (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting, Stage I* (Butterworth).

Baxter, W. T. (ed.), *Studies in accounting* (Law Book Co.).

(c) Recommended for reference:

Rowland and Magee, *Accounting, Part I* (Gee).

Fitzgerald and Schumer, *Classification in accounting* (Butterworth).

Institute of Chartered Accountants, *Recommendations on accounting principles*.

Institute of Chartered Accountants in England and Wales, *et al*, *Some accounting terms and concepts* (C.U.P.).

Gilman, S., *Accounting concepts of profit* (Ronald).

Fitzgerald, A. A. and G. E., *Form and contents of published financial statements* (Butterworth).

Fitzgerald, A. A., *Analysis and interpretation of financial and operating statements* (Butterworth).

172. Management Accounting.

A general course in management accounting and business finance, including an introduction to cost accounting and a study of the relationship between accounting and economic theory. The course consists of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to keep a practice set of cost accounting records. Day lectures are given in odd years, evening lectures in even years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Management Accounting until he has passed the final examination in Elements of Accounting.

(a) *Management accounting:*

Profit planning and cost analysis; budgeting and budgetary control; cost systems; recording and control of costs—materials, labour, expense; standard costs; machine and electronic accounting; performance reports for management.

(b) *Accounting theory:*

Overhead costs; multiple product costs; the relationship between costs and output; marginal or direct costing; cost concepts in relation to price and production policy decisions; accounting and economic concepts of business surplus.

(c) *Business finance:*

The nature of finance; factors affecting the demand for capital; sources of finance; factors affecting the capital structure of companies; rates of return on funds employed; distortions in the capital market; inflation and business finance; financial mathematics.

Prescribed books:

(a) *Text-books:*

Lang, McFarland and Schiff, *Cost accounting* (Ronald).
 Vatter, W. J., *Managerial accounting* (Prentice-Hall).
 Solomons, D. (ed.), *Studies in costing* (Sweet and Maxwell).
 Paish, F. W., *Business finance* (Pitman).
 Mathews, R. L., and Grant, J. McB., *Inflation and company finance* (Law Book Co.).
 Hummel and Seebeck, *Mathematics of finance* (McGraw-Hill).

(b) *Recommended for reference:*

Dean, J., *Managerial economics* (Prentice-Hall).
 Nickerson, C. B., *Cost accounting* (McGraw-Hill).
 Thomas, W. E. (ed.), *Readings in cost accounting, budgeting and control* (South-Western).
 Lang, T. (ed.), *Cost accountants' handbook* (Ronald).
 N.A.A. *Bulletins*.

173. *Financial Accounting.*

A course in financial accounting and auditing, consisting of two lectures (of one hour) and one tutorial class (of ninety minutes) each week throughout the academic year. Each student is required to undertake special studies in auditing practice. Day lectures are given in even years, evening lectures in odd years. Except with special permission, to be obtained in writing from the Dean of the Faculty, no student may take the course in Financial Accounting until he has passed the final examination in Elements of Accounting.

The scope of the course is as follows:

(a) *Financial accounting:*

Departmental accounts; branch accounts and the treatment of foreign currencies in accounts; accounts current; unsystematised records; advanced company accounts, including the purchase of the business of a sole trader or partnership; alteration of share capital; reconstructions, amalgamations, absorptions and liquidations; accounts of holding companies and their subsidiaries.

Classification, presentation and analysis of accounting reports for shareholders and auditors; valuation of goodwill; valuation of shares in companies.

The double account system; accounts of banks and insurance companies; fire losses and loss of profits insurance; accounts of pastoralists and mining companies; accounts of builders and contractors; hire-purchase accounts; instalment payment purchases; law and accounts relating to trustees and executors; accounts and statements relating to bankruptcy.

(b) *Auditing and professional practice:*

Auditing—classes of audits; internal check systems and their relation to external audits; duties, powers and responsibilities of auditors; the private or impersonal ledger; partnership audits; the audit of a limited company; the law relating to the accounts of companies; divisible profits and dividends; verification of assets; principles of asset valuation; secret reserves; special considerations in different classes of audits; auditors' certificates and reports; statistical techniques in auditing.

Investigations and reports.

Ethics and etiquette of the accountancy profession.

Text-books:

Yorston, Smyth and Brown, *Advanced accounting*, Vols. 1, 2 and 3 (Law Book Co.).

Fitzgerald, A. A. (ed.), *Accounting Stage I* (Butterworth).

Irish, R. A., *Auditing* (Law Book Co.).

174. Cost Accounting.

A course in advanced cost accounting and budgetary control. The course consists of two evening lectures (of one hour) and one supplementary lecture and tutorial (of two hours) each week throughout the academic year. Management Accounting must be passed before this subject is taken. For purposes of the degree of B.Ec., Cost Accounting is alternative to Commercial Law B.

The scope of the course is as follows:

(a) *Advanced cost accounting:*

Nature, scope and purpose of cost accounting; cost terminology; relationship between cost and financial records; classification and analysis of expenditure; methods of purchasing, storing, receiving, issuing, handling, pricing and control of materials; methods of time keeping and labour costing; time and motion study and the calculation of efficiency; personnel management; incentive wage payments methods; production control; control and accounting for work-in-process and finished stock; recording and allocation of factory service costs; organisation of physical facilities; utilisation of service capacity and idle capacity costs; manufacturing risks and losses; mechanised and electronic accounting; by-products and joint products; analysis and control of distribution costs; installation of cost systems; standard costs; cost reports for control purposes; cost accounting applied to small industries.

(b) *Budgets and budgetary control:*

Types of budgets and their preparation; integration of budgets in the accounting system; use of budgets by management for control.

Books prescribed:

(a) Text-books:

Dohr, J. L., and Inghram, H. A., *Cost accounting, principles and practice* (Ronald).

Jones, E. H., *Industrial and commercial organisation in Australia* (Law Book Co.).

Scott, W. D., *Business budgeting and budgetary control* (Law Book Co.).

(b) Recommended for reference:

Solomon D. (ed.), *Studies in costing* (Sweet and Maxwell).

Cost Bulletins (Australasian Institute of Cost Accountants).

N.A.A. Bulletins.

181. Commercial Law A.

The course comprises two lectures a week and tutorial classes as arranged throughout the academic year. Day lectures are given in odd years, evening lectures in even years.

The course consists of—

An introduction to the nature and sources of law, legal method and constitutional law followed by a more detailed study of: the elements of the law of contracts and the law relating to the sale of goods; agency; partnership; company law and practice.

Prescribed books:

(a) Text-books:

Charlesworth, J., *Principles of mercantile law* (Stevens).

Sutton and Shannon, *On contracts* (Butterworth).

Charlesworth, J., *Principles of company law* (Stevens).

Joske, P., *Law of partnerships* (Butterworth).

(b) For reference:

Such statutes and other references as are mentioned in the lecture notes issued at the beginning of the year.

182. Commercial Law B.

The course comprises two evening lectures a week and tutorial classes as arranged throughout the academic year. For purposes of the degree of B.Ec. this course is alternative to Cost Accounting.

The course consists of—

Mortgages, bills of sale, hire purchase, negotiable instruments; the law relating to income tax; bankruptcy law and practice.

Prescribed books:

(a) Text-books:

Charlesworth, J., *Principles of mercantile law* (Stevens).

Young, N. S., *Bankruptcy practice in Australia* (Butterworth).

Gunn and O'Neill, *Guide to Commonwealth income tax law* (Butterworth).

(b) For reference:

Dean, A., *Law relating to hire in Australia* (Law Book Co.).

McDonald, E. F., Henry and Meek, *Australian bankruptcy law* (Law Book Co.).

Hannan, *Treatise on the principles of income taxation* (Law Book Co.).

Gunn, *Commonwealth income tax law and practice* (Butterworth).

FACULTY OF SCIENCE.

MATHEMATICS.

There are nine courses in Mathematics for the ordinary degree of B.Sc. The courses may be summarized as follows:

First Year	Second Year	Third Year
General Mathematics		
or	Pure Mathematics II	Pure Mathematics III
Pure Mathematics I	Statistical Methods	Mathematical Statistics
Applied Mathematics I	Applied Mathematics II	Applied Mathematics III

Pure Mathematics and Applied Mathematics are separate sequences and Statistical Methods and Mathematical Statistics are full second and third year subjects respectively.

A candidate may take any or all of these subjects, provided that if Applied Mathematics I is counted as a subject in his course Applied Mathematics II also is taken.

Candidates who propose to proceed to the degree of B.A. or B.Sc. with Honours in Mathematics are normally required to take Course 216 which is also suitable for candidates who propose to proceed to Honours courses in Physics or Engineering; it is also available to selected students studying for the ordinary degree of B.Sc.

Candidates who wish to take all the second-year courses must consult the Assistant to the Dean of the Faculty of Science.

201. General Mathematics.

The course comprises three lectures and one tutorial class a week and is given annually.

Pre-requisite subjects: Leaving Mathematics, Parts I and II, and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination.

A pass in Division I, or at a higher level, in this subject is pre-requisite for the courses Pure Mathematics IIA, Pure Mathematics IIB.

Candidates in the Faculty of Engineering who have passed with credit or at a sufficiently high standard in both papers in Leaving Honours Mathematics will be exempted from this course and will be credited with a pass in General Mathe-

matics when they have passed the examination in Pure Mathematics IIA or Pure Mathematics IIB. Other candidates who have passed in Mathematics at the Leaving Honours examination may be exempted from lectures, but not from tutorials or from examination in this course. Application for such exemption must be made on the proper form at the time of enrolment for the year's work.

The syllabus comprises elementary calculus, algebra, plane analytical geometry, and the measurement of the simpler solids.

Text-book:

Durell and Robson, *Elementary calculus*, Vol. 1 (Bell).

202. Pure Mathematics I.

The course comprises three lectures and one tutorial class a week and is given annually.

Pre-requisite subjects: Leaving Honours Mathematics, Parts I and II.

A pass in Division I in this subject suffices for entrance to Pure Mathematics IIA or Pure Mathematics IIB, and a pass in Division I, or at a higher level, is pre-requisite for Pure Mathematics II.

The syllabus comprises elementary calculus, plane and elementary solid co-ordinate geometry, algebra, and some additional elementary topics.

Text-book:

Thomas, G. B., *Calculus and analytic geometry* (Addison-Wesley).

203. Pure Mathematics II.

Pre-requisite subject: A pass in Division I, or at a higher level, in Pure Mathematics I, or a pass with credit or distinction in General Mathematics.

The course comprises three lectures and one tutorial class a week, and is given annually.

Subjects of examination:

- (a) Elementary theory of real functions;
- (b) Convergence of real and complex numbers; power series;
- (c) Matrices and determinants;
- (d) Plane and solid co-ordinate geometry.

Text-books recommended:

Courant, R., *Differential and integral calculus*, vol. 1 (Blackie); or
Maxwell, E. A., *An analytical calculus for school and university*, vols. 2 and 3 (C.U.P.).

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

204. Pure Mathematics IIA.

Pre-requisite subject: A pass in Division I, or at a higher level, in either Pure Mathematics I or General Mathematics.

The course consists of two lectures and one tutorial class a week, and is given annually. It is compulsory for students proceeding to a degree in Civil, Mechanical or Electrical Engineering.

The syllabus comprises the elements of the differential and integral calculus and of plane co-ordinate geometry, and the elementary theory of complex numbers and determinants. The course is arranged to meet the needs, as far as possible, of the engineering students taking it.

Text-book:

Caunt, G. W., *Elementary calculus* (O.U.P.).

205. Pure Mathematics IIB.

Pre-requisite subject: As for Pure Mathematics IIA.

The course consists of three lectures and one tutorial class a week, and is given annually. It is compulsory for students proceeding to a degree in Mining, Metallurgical and Chemical Engineering.

The syllabus includes that prescribed for Pure Mathematics IIA and contains some additional matter, principally Differential Equations, Fourier Series and Numerical Methods.

Text-book:

Caunt, G. W., *Elementary calculus* (O.U.P.).

206. Pure Mathematics III.

Pre-requisite subject: Course 216 or a pass in Division I, or at a higher level in Pure Mathematics II (203).

The course consists of about four lectures and one tutorial class a week.

Subject to slight variations, the course deals with some of the following topics: Convergence, infinite series, theory of functions of a complex variable, complex integration, functions of several real variables, ordinary and partial differential equations, Fourier series; matrices, higher algebra; Euclidean, projective and differential geometry.

Text-books recommended:

Courant, R., *Differential and integral calculus* (2 vols.) (Blackie); or Knopp, K., *Theory of functions*, Part I, tr. by Bagemihl (Dover Publications, N.Y.); and Franklin, P., *A treatise on advanced calculus* (Wiley).

The following books will be found useful for reference:

Churchill, R. V., *Fourier series and boundary value problems* (McGraw-Hill).
La Vallée Poussin, C. J. de, *Cours d'analyse infinitésimale* (2 vols.) (Gauthier).
Birkhoff, G. and McLane, S., *A survey of modern algebra* (Macmillan).
Newman, M. H. A., *Elements of the topology of plane sets* (C.U.P.).
Littlewood, D. E., *A university algebra* (Heinemann).
Hobson, E. W., *The theory of functions of a real variable* (C.U.P.).

207. Applied Mathematics I.

Pre-requisite subjects: Leaving Mathematics I and II and a pass in the special examination in Mathematics held in conjunction with the Leaving Examination; a candidate who has not passed in Leaving Physics must take Physics I concurrently with Applied Mathematics I.

The course comprises three lectures and one tutorial class a week and is given annually.

Subjects of examination: Elementary statics and dynamics of a particle and of rigid bodies, elementary hydrostatics, an introduction to vector analysis.

Text-book:

Timoshenko and Young, *Engineering mechanics*, 4th edition (McGraw-Hill).

209. Applied Mathematics II.

Pre-requisite subject: A pass in Division I, or at a higher level in Pure Mathematics I.

Students must either have attended or attend concurrently the course in Pure Mathematics II (203) or the first-year Honours course in Pure Mathematics (216).

The course will comprise three lectures and one tutorial class a week and will be given annually.

Subjects of examination: Elementary vector analysis, dynamics of a particle and of rigid bodies, generalised coordinates and Lagrange's equation, theory of vibrations, ordinary and partial differential equations, Fourier Series, operational methods, numerical methods.

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

210. Applied Mathematics IIA.

Pre-requisite subjects: A pass in Division I, or at a higher level in either General Mathematics (201) or Pure Mathematics I (202) and a pass in Applied Mathematics I (207).

Students must either have attended or attend concurrently a course in Pure Mathematics IIA (204).

This course is compulsory for most Engineering students. The syllabus at present will consist of about two-thirds of that for the course in Applied Mathematics II (209).

Text-book:

Wylie, C. R., *Advanced engineering mathematics* (McGraw-Hill).

211. Applied Mathematics III.

Pre-requisite subject: A pass in Division I, or higher, in the subject Pure Mathematics II (203).

The course will comprise about four lectures and one tutorial class a week.

The course consists of a selection from the following subjects: Matrices, partial differential equations, calculus of variations, integral equations, tensor and spinor calculus, higher mechanics, statistical mechanics, numerical analysis, hydrodynamics, elasticity, thermodynamics.

213. Statistical Methods.

Pre-requisite subject: Pure Mathematics I (202).

The course, which comprises two lectures and one tutorial class a week, is designed to give an introductory account of the application of statistical methods in the reduction and interpretation of observations derived from experiment, and an elementary treatment of recent developments such as experimental design and statistical quality control.

Text-books recommended:

Davies, O. L. (ed.), *Statistical methods in research and production* (Oliver and Boyd).

Fisher, R. A., *Design of experiments*, 6th edition (Oliver and Boyd).

Reference-books:

Fisher, R. A., *Statistical methods for research workers*, 12th edition (Oliver and Boyd).

Tippett, L. H. C., *Methods of statistics*, 2nd edition, revised and enlarged (Williams and Norgate).

Mather, K., *Statistical analysis in biology* (Methuen).

Fisher, R. A., and Yates, F., *Statistical tables for biological, agricultural and medical research*, 2nd edition, revised and enlarged (Oliver and Boyd).

Fisher, R. A., *Statistical methods and scientific inference* (Oliver and Boyd).

214. Mathematical Statistics.

Pre-requisite subject: Pure Mathematics III (205); candidates who have not completed this course must take it concurrently with statistical theory.

The course comprises three lectures and one tutorial class a week, and provides an introduction to the theory of mathematical statistics.

Tables and selected books of reference will be made available.

216. First-year Honours Course in Pure Mathematics.

This course comprises three lectures and one tutorial class a week and is given annually. Admission to this course is subject to approval by the Professor of Pure Mathematics in every case.

Pre-requisite subjects: A satisfactory pass in Leaving Honours Mathematics parts I and II, or a pass in Division I, or at a higher level, in Pure Mathematics I or General Mathematics.

Students who complete the course satisfactorily may, upon written application, be granted status for Pure Mathematics II and will then be eligible to take the course in Pure Mathematics III.

The subjects of examination will be: elementary analysis, differential and integral calculus, the algebra of determinants and matrices, elementary coordinate geometry of two and three dimensions, complex numbers, infinite series.

Text-books recommended:

Courant, R., *Differential and integral calculus*, Vol. I (Blackie).

Tuckey, C. O., and Armistead, W., *Coordinate geometry* (Longmans).

The following books will be found useful for reference:

Aitken, A. C., *Determinants and matrices* (Oliver and Boyd).

Ferrar, W. L., *Convergence* (O.U.P.).

Hardy, G. H., *Pure mathematics* (C.U.P.).

218. Mathematics for the Honours Degree of B.A. and the Honours Degree of B.Sc.

(Each section is intended to represent a year's work in the subject.)

Candidates for the degree of B.A. or B.Sc. with honours in Mathematics are required:

1. To attend the lectures and pass the examinations in the courses:
 - (a) Pure Mathematics I (or obtain exemption therefrom);
 - (b) First-year Honours course in Pure Mathematics;
 - (c) Applied Mathematics I.
 2. To attend the lectures and pass the examinations in the courses:
 - (a) Pure Mathematics III;
 - (b) Applied Mathematics II;
 - (c) Statistical Methods;
- and take such other courses as may be prescribed by the Professors of Mathematics.
3. (a) To attend the lectures and pass the examination in the course Applied Mathematics III.
 - (b) To take such other courses as may be prescribed by the Professors of Mathematics.
 4. To attend such honours courses as may be prescribed by the Professors of Mathematics.

The examination is in two parts, which may be taken in the same year, or, preferably, in different years.

A candidate may also be required to write one or more essays before completing his examination.

Candidates may, with the consent of the Professors, vary the course outlined above: for example (a) a candidate who obtains a pass at a sufficiently high standard in Pure Mathematics II (203) may be exempted from the First-Year Honours course in Pure Mathematics; (b) candidates who wish to specialize in Statistics will be allowed to take certain courses in Mathematical Statistics as part of their Honours work.

Candidates for the degree of B.Sc. with Honours in Mathematics may be required to satisfy the Professors that they have a reading knowledge of French and German.

219. Mathematics for the Degree of M.A. and for the Degree of M.Sc.

Candidates for the degree of M.A. or M.Sc. in Mathematics may proceed to the degree by examination, by presentation of a thesis, or both.

If a thesis is presented it may take the form of

- (a) an original contribution to some mathematical subject;
- (b) a report on the present state of some branch of pure or applied mathematics;
- (c) an essay on the pedagogy (at any stage) of the subject;
- (d) an essay on the history of some branch of mathematics.

The degree is not awarded on an essay which is a mere compilation of the work of previous writers; and a candidate may be required to pass an examination in the subject-matter of his thesis.

PHYSICS

INTRODUCTORY NOTES.

1. Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.
2. The course in General Physics assumes a knowledge of Physics and Mathematics at Leaving Certificate standard, and is designed on that basis for students who wish to take only a one-year course in Physics; and all such students are recommended to take it (and not Physics I). This course also serves as an introduction to Physics I and Engineering Physics for those who have not taken Leaving Honours Physics.
3. The course in Engineering Physics is designed for *engineering* students only. It covers selected material from Physics I and Physics II not included elsewhere in the Engineering courses.

4. The course in Physics I is the first-year work of a closely-integrated two-year course designed primarily for students intending to study Physics for at least two years. A student who completes the course and subsequently decides not to proceed to Physics II will be credited with a pass in a first-year (Group A) subject.
5. On completing Physics II a student may elect either to take Physics IIIA (a third-year course for the Ordinary degree of B.Sc.) or to begin the two-year Honours course in Physics consisting of Physics III and Physics IV (Honours). A student who completes Physics III and subsequently decides not to proceed further in Honours Physics will be credited with a Group C subject for the Ordinary degree.
6. Students are directed to take particular note of the pre-requisites for each subject. In particular they should note that whereas either Pure Mathematics II or Applied Mathematics II is an acceptable pre-requisite for Physics IIIA only Applied Mathematics II is acceptable as a pre-requisite for Physics III and Applied Mathematics III should be taken concurrently with Physics III. Thus a student who wishes, or thinks that he may wish, to proceed to the Honours degree in Physics is strongly advised to plan his course to encompass the following subjects:

First Year: Physics I; Pure Mathematics I *or* the first-year Honours course in Mathematics; Chemistry I; one other Group A subject.

Second Year: Physics II; Applied Mathematics II; Pure Mathematics II *or* the first-year Honours course in Mathematics (if not already taken).

Third Year: Physics III; Applied Mathematics III.

Fourth Year: Physics IV (Honours).

221. General Physics.

Pre-requisite subjects: A knowledge of Physics and Mathematics at Leaving Certificate standard is assumed.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by one of the following text-books, which should be read concurrently with the lecture course:

Lemon, H. B., and Ference, M., *Analytic experimental physics* (Chicago U.P.) (new edition, if available).

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principals and applications* (McGraw-Hill); *or*

Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Students are also recommended to read *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), upon which an optional question will be set in the General Physics examination.

222. Engineering Physics.

Pre-requisite subjects: General Physics (221) or a standard satisfactory to the Faculty of Engineering in Physics, Mathematics and Chemistry at the Leaving Honours Examination.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat, geometrical and physical optics, acoustics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, supplemented by prescribed reading from the text-books cited for the courses Physics I (223) and Physics II (224).

222a. Physics II, B.E. Course.

Pre-requisite subjects: Pure Mathematics I (Old Course) and Physics I (Old Course).

The course comprises two lectures and three hours' practical work a week; it will be given in 1959.

The scope and standard of knowledge required for the examination is indicated by the course of lectures and laboratory work. Lectures will be given on heat, electricity, magnetism and mechanics.

Students should read such portions of the books recommended for Physics courses for the degree of B.Sc. as deal with the subjects indicated above.

223. Physics I.

Recommended preliminary subjects: Leaving Honours Physics or General Physics; or special permission in writing from the Professor of Physics, which must be attached to the enrolment form.

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General physics, including properties of matter, heat and thermodynamics, optics, electricity and magnetism, and modern physics.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, together with prescribed parts of the following text-books:

Champion, F. C., and Davy, N., *Properties of matter* (Blackie).

Roberts, J. K., *Heat and thermodynamics* (Blackie).

Ditchburn, R. W., *Light* (Blackie).

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

Bleaney, Betty, and Bleaney, B., *Electricity and magnetism* (O.U.P.).

Stranathan, J. D., *The "particles" of modern physics* (Blakiston).

Starling, S. G., and Woodall, A. J., *Physics* (Longmans).

224. Physics II.

Pre-requisite subjects: Pure Mathematics I (202) and Physics I (223) or, in exceptional circumstances, and with the special approval of the Professor of Physics, General Physics (221).

The course comprises three lectures and six hours practical work a week, and is given annually.

The subjects of examination, and recommended text-books, are as specified for course 223.

225. Physics IIIA.

Pre-requisite subjects: A pass in Division I, or higher, in Physics II (224) and one of Pure Mathematics II (203), Applied Mathematics II (209), First-year Honours course in Mathematics (216).

The course comprises three lectures and a minimum of nine hours practical work a week. It is given annually.

Subjects of examination:

Physics as dealt with in the lecture and laboratory courses. Questions will also be set on the subject matter of *Introduction to concepts and theories in physical science* by G. Holton (Addison-Wesley), which students are expected to read during the course.

Text-books recommended for reading and reference:

Roberts, J. K., *Heat and thermodynamics* (Blackie).

Harnwell, G. P., *Principles of electricity and magnetism* (McGraw-Hill).

Jenkins, F. A., and White, H. E., *Fundamentals of physical optics* (McGraw-Hill).

Hague, B., *Introduction to vector analysis for engineers and physicists* (Methuen).

Richtmeyer, F. K., and Kennard, F. H., *Introduction to modern physics*, 5th edition (McGraw-Hill).
 Electrical Engineering Staff of M.I.T., *Applied electronics* (Wiley).
 Starling, S. G., and Woodall, A. J., *Physics* (Longmans).
 Ditchburn, R. W., *Light* (Blackie).
 Sproull, R. L., *Modern physics* (Chapman and Hall).
 Harnwell, G. P., and Stephens, W. E., *Atomic physics* (McGraw-Hill).
 Constant, F. W., *Theoretical physics* (Addison-Wesley).

Physics for the Honours Degree of B.Sc.

226. Physics III.

Pre-requisite subjects: A pass in Division I, or higher, in Physics II (224) and Applied Mathematics II (209).

The course consists of three lectures and a minimum of nine hours practical work a week. It is given annually, and consists of an advanced study of aspects of classical and modern physics.

Students will be expected to be thoroughly familiar with the text-books recommended for Physics I and II and to read such books as may be referred to from time to time.

227. Physics IV (Honours).

Pre-requisite subjects: A pass at a standard satisfactory to the Professor of Physics in Physics III (226), and Applied Mathematics III (211).

This course comprises supervised practical work, and courses of lectures which are a continuation of the Physics III course (226). Students will be required to study such text-books as may be referred to in the lecture courses.

MATHEMATICAL PHYSICS

229. Mathematical Physics for the Honours Degree of B.Sc.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics are recommended:

- (a) to cover the same syllabus, in the first two years of the course, as that prescribed for Physics students (see syllabuses Nos. 223 and 224);
- (b) to take in the third year Applied Mathematics III (211), such parts of Pure Mathematics III (205) as are prescribed by the Professor of Mathematical Physics, and Physics III (226) (except that only one term's practical work will be required); and
- (c) to take in the fourth year such lectures taken by Physics and Mathematics Honours students as are prescribed by the Professor of Mathematical Physics, and such lectures as may be given from time to time by the staff of the Department of Mathematical Physics.

Candidates should note that such parts of Physics III and Pure Mathematics III as are prescribed for this course will form a combined third year subject. Candidates will thus qualify for the Ordinary degree of B.Sc. before continuing with the Honours degree.

Candidates who have not followed the course recommended above, but have proceeded otherwise to an Ordinary degree, may be permitted to proceed to the Honours degree in Mathematical Physics, if they have obtained the approval of the Professor of Mathematical Physics and the Faculty of Science.

Candidates for the degree of B.Sc. with Honours in Mathematical Physics may be required to satisfy the professor that they have a reading knowledge of French and German.

CHEMISTRY

Students who intend to major in both Physical and Inorganic Chemistry and Organic Chemistry are advised to take the following combinations of subjects: *First year*, Chemistry I, Physics I, Pure Mathematics I and *either* Biology or Geology I; *Second year*, Physical and Inorganic Chemistry II, Organic Chemistry II, and *either* Pure Mathematics II or Biochemistry I, or Physics II; *Third year*, Physical and Inorganic Chemistry III and Organic Chemistry III.

231. Chemistry I.

The course, which is given annually, consists of three lectures and six hours practical work a week throughout the three terms of the year.

The lectures cover the subject-matter for examination and deal with general chemistry, including introductions to atomic and valency theory, systematic inorganic chemistry, physical chemistry and aliphatic and aromatic organic chemistry. The practical course is designed to serve as an introduction to practical inorganic chemistry, physical chemistry, chemical analysis and organic chemistry.

Essential books:

Pauling, L., *General chemistry*, 2nd edition (Freeman); and
West, P. W., Vick, M. W., and LeRosen, A. L., *Qualitative analysis and analytical chemical separations* (Macmillan),
and
Brown, G. I., *A simple guide to modern valency theory* (Longmans); and
English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill); or
Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

232. Chemistry IA.

A course of general chemistry available to students in the Faculty of Engineering and the Faculty of Technology except that those students reading Mining, Metallurgical and Chemical Engineering attend course 231.

The course, which is given annually, consists of two lectures and three hours practical work a week throughout the three terms of the year.

Books recommended:

Pauling, L., *General chemistry*, 2nd edition (Freeman); or
Garside, J. E., and Phillips, R. F., *Pure and applied chemistry* (Pitman);
or
Durrant, P. J., *General and inorganic chemistry*, 2nd edition (Longmans).

233. Physical and Inorganic Chemistry II.

Pre-requisite subjects: Physics I (221) and Chemistry I (231).

Students are also recommended to have taken Pure Mathematics I (202).

The course, which is given annually, consists of three lectures and not less than six hours practical work a week throughout the three terms of the year.

The lectures deal with systematic inorganic chemistry and introductions to thermodynamics, electrochemistry, reaction kinetics and theoretical chemistry.

The practical courses deal with quantitative analysis, preparative inorganic chemistry and physical chemistry.

Essential books:

Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall); and
Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall); or
Glasstone, S., *Thermodynamics for chemists* (Macmillan); and
Moeller, T., *Inorganic chemistry* (Wiley); and
Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.); and
Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).

234. Physical and Inorganic Chemistry IIA.

Students in Mining, Metallurgical and Chemical Engineering and students in the Faculty of Technology take part of course 233 and other special lectures which may be arranged. The course comprises two hours lectures and not less than six hours practical work a week throughout the academic year.

235. Chemistry II.

This course will consist of three sections (Physical Chemistry, Organic Chemistry and Biochemistry), each consisting of three lectures and six hours practical work a week for one term.

Physical Chemistry.

Introduction to chemical thermodynamics, electrochemistry, conductivity of solutions, reaction kinetics, reactions in solution, colloid and macromolecular chemistry, surface chemistry. The practical work will consist of a number of experiments illustrating the above topics.

Book recommended:

Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).

Organic Chemistry.

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist. The mechanism of organic reactions. The chemistry of carbohydrates. Practical work illustrating the major methods and techniques of organic chemistry.

Book recommended:

English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).

Biochemistry.

Methods in biochemistry. Introduction to the biochemistry of mineral elements, carbohydrates, lipids, amino acids and proteins. Introduction to enzymology and some aspects of intermediary metabolism. The practical course will consist of experiments relating to the above topics.

Books recommended:

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).

Bonner, J., *Plant biochemistry* (Academic Press).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

Baldwin, E., *Dynamic aspects of biochemistry*, 2nd edition (C.U.P.).

236. Organic Chemistry II.

Pre-requisite subject: Chemistry I (231).

The course, which is given annually, consists of three lectures and at least seven hours practical work a week throughout the three terms of the year.

The lectures deal with the chief families of aliphatic and aromatic compounds and with theoretical questions arising out of such study.

Books recommended:

*Finar, I. L., *Organic chemistry*, 2nd edition, Vol. I (Longmans); or

Fieser, L. F., and Fieser, M., *Text-book of organic chemistry* (Heath); and

Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and

Openshaw, H. T., *Qualitative organic analysis* (C.U.P.).

* This book is recommended for students intending to proceed to Organic Chemistry III (239).

236A. Organic Chemistry IIA.

Part of course 236, amounting to two lectures and not less than six hours practical work a week, given to students in the Faculty of Technology.

237. Physical and Inorganic Chemistry III.

Pre-requisite subjects: Physical and Inorganic Chemistry II (233) and Pure Mathematics I (201). Students may be exempted from Pure Mathematics I provided that the Professor of Physical and Inorganic Chemistry is satisfied with the standard of their mathematical knowledge. Students are also recommended to have taken Organic Chemistry II (236).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with theoretical chemistry, including an introduction to wave mechanics; molecular structure; thermodynamics; reaction kinetics; chemistry of macromolecules and high polymers; surface and colloid chemistry; more advanced inorganic chemistry including radiochemistry.

The practical work will include preparative inorganic chemistry, experimental physical chemistry and radiochemistry.

Essential books:

Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall); and Klotz, I. M., *Chemical thermodynamics* (Prentice-Hall); or Glasstone, S., *Thermodynamics for chemists* (Macmillan); and Coulson, C. A., *Valence* (O.U.P.); and Moeller, T., *Inorganic chemistry* (Wiley); and Sidgwick, N. V., *Chemical elements and their compounds* (O.U.P.); and Emeléus, H. J., and Anderson, J. A., *Modern aspects of inorganic chemistry* (second edition, Routledge); and Friedlander, G., and Kennedy, J. W., *Nuclear and radiochemistry* (Chapman and Hall, 1955).
Palmer, W. G., *Experimental inorganic chemistry* (C.U.P.); and Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans); and Daniels, F., and others, *Experimental physical chemistry*.

239. Organic Chemistry III.

Pre-requisite subject: Organic Chemistry II (226). Students are also recommended to have taken Physical and Inorganic Chemistry II (233).

The course, which is given annually, consists of three lectures and at least twelve hours practical work a week throughout the three terms of the year.

The lectures deal with the electronic theory of organic chemistry and its application to the mechanisms of organic reactions; the chemistry of heterocyclic compounds, including the study of natural products; the chemistry of alicyclic compounds, terpenes and sugars; and stereochemistry.

Books recommended:

Finar, I. L., *Organic chemistry*, Vol. 2 (Longmans); and Badger, G. M., *The aromatic compounds* (C.U.P.); and Vogel, A. I., *Practical organic chemistry* (Longmans); and Mann, F. G., and Saunders, B. C., *Practical organic chemistry* (Longmans); and Buchanan, H. H., and others, *Separation and identification of organic compounds* (U.L.P.).

Reference books:

Alexander, E. R., *Principles of ionic organic reactions* (Wiley).
Hine, J., *Physical organic chemistry* (McGraw-Hill).
Wheland, G. W., *Advanced organic chemistry* (Wiley).
Wheland, G. W., *Theory of resonance* (Wiley).

241. Honours Physical and Inorganic Chemistry.

Pre-requisite subjects: Courses 231, 233, 236, 237, 239, but with the approval of the Faculty of Science, the Professor of Physical and Inorganic Chemistry may allow a student who has qualified in some subject other than Organic Chemistry to proceed to Honours in Physical and Inorganic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Physical and Inorganic Chemistry and such lectures in Organic Chemistry, Mathematics and Physics as the Professor of Physical and Inorganic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books recommended:

Those for the Ordinary Degree, and in addition other reference books, a list of which will be published in the Department of Physical and Inorganic Chemistry.

243. Honours Organic Chemistry.

Pre-requisite subjects: Physical and Inorganic Chemistry III (237) and Organic Chemistry III (239), or, Organic Chemistry III (239) and Biochemistry II (282), or Organic Chemistry III (239) and such other third-year subject as may be approved by the Faculty on the recommendation of the Professor of Organic Chemistry.

The course, which is given annually, will consist of lectures and seminars in advanced Organic Chemistry and such lectures in Physical and Inorganic Chemistry as the Professor of Organic Chemistry may deem necessary. All time not devoted to lectures and seminars will be given to laboratory work.

Students may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books recommended:

Those for the Ordinary Degree, and in addition, other reference books, a list of which will be published in the Department of Organic Chemistry.

SOIL SCIENCE

245. Soil Science IA.

The course of lectures and practical work is identical with that for Soil Science I (379). Students taking the Soil Science IA course will be expected to undertake additional reading which will be concerned with the soil-plant interaction.

A box of analytical weights with a certificate of accuracy is required.

GEOLOGY, MINERALOGY AND PALAEOONTOLOGY.

251. Geology I.

LECTURES.—A course of two lectures a week throughout the academic year dealing with the principles of physical geology, elementary mineralogy and petrology, historical geology.

PRACTICAL WORK.—Two one-hour demonstrations a week. In addition students should spend at least two hours a week in individual study in the laboratory at times to be arranged. The course deals with the study of geological maps and the examination of crystal models, minerals, rocks and fossils.

FIELD WORK.—At least four excursions to places of geological interest near Adelaide.

Books recommended:

For preliminary reading:

Raistrick, A., *Teach yourself geology* (E.U.P.); or

Read, H. H., *Geology* (H.U.L.).

As text-books:

Holmes, A., *Principles of physical geology* (Nelson); or

Longwell, C. R., Knopf, A., Flint, R. F., Schuchert, C., and Dunbar, C. O., *Outlines of geology* (Wiley).

As books of reference:

Rutley, F., *Elements of mineralogy* (revised by H. H. Read) (Murby).

Tyrrill, G. W., *Principles of petrology* (Methuen.).

Clarke, E. de C., Prider, R. T., and Teichert, C., *Elements of geology* (University of W.A. bookshop).

251A. Geology I (Short Course).

Available only to students in the Faculty of Technology.

LECTURES.—The lectures given in the first two terms of Geology I (251).

PRACTICAL WORK.—The crystallography, mineralogy and petrology sections of the practical course in Geology I (251).

Books recommended:

For preliminary reading:

Raistrick A., *Teach yourself geology* (E.U.P.) or

Read, H. H., *Geology* (H.U.L.).

Text-book:

Holmes, A., *Principles of physical geology* (Nelson).

Reference books:

Rutley, F., *Elements of mineralogy* (revised by H. H. Read) (Murby).

Tyrrell, G. W., *Principles of petrology* (Methuen).

252. Geology II.

Pre-requisite subject: A pass in Division I, or higher, in Geology I.

LECTURES.—This course consists of three lectures a week throughout the year as follows:—

Crystallography: The symmetry of lattices. The fourteen Bravais lattices.

The derivation of the thirty-two crystal classes.

Mineralogy: Principles of structural mineralogy and a systematic study of the more important groups. The theory of optical mineralogy.

Atomic structure of minerals with special reference to the silicates.

Petrology: The origin and mode of occurrence of rocks, igneous, metamorphic and sedimentary. A study of the accepted classifications of rocks.

Structural Geology: The principles of Structural Geology.

Stratigraphy of Australia.

Palaeontology: Nature of organic remains, palaeontological methods, the phyla of invertebrates and representative Australian fossils.

LABORATORY WORK.—Six hours a week, four of which will be supervised at the stated times, others at times to be arranged.

Crystallography: Symmetry, classification and projection of crystals.

Mineralogy: Study of minerals in the hand specimen; optical mineralogy.

Petrology: Identification and classification of rocks. Study of the fabric of typical rocks with particular emphasis on the igneous and sedimentary rocks.

Structural Geology: Interpretation of geological maps. Solving of structural problems by graphical methods.

Palaeontology: Preparation of micro-fossils, study of representative fossil specimens.

FIELD WORK.—A minimum of six days will be spent in the field during the year. Excursions to localities of special interest may be arranged.

APPARATUS.—Students need to provide themselves with a petrological microscope of approved pattern. Microscopes can be obtained on loan from the department.

Text-books:

Rutley, F., *Elements of mineralogy*, 24th edition, revised by H. H. Read (Murby).

Phillips, F. C., *Introduction to crystallography*, 2nd edition (Longmans).

Tyrrell, G. W., *Principles of petrology*, 9th edition (Methuen).

Rogers, A. F., and Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill).

Glaessner, M. F., and Parkin, L. W. (ed.), *Geology of South Australia* (M.U.P., 1958).

Hills, E. S., *Outlines of structural geology*, 3rd edition, 1953 (Methuen).

Woods, H., *Invertebrate palaeontology* (C.U.P., 1947).

Reference books:

- Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).
 Wahlstrom, E. E., *Theoretical igneous petrology* (Wiley).
 David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).
 McWhae, J. R., and others, *Stratigraphy of Western Australia* (M.U.P., 1958).
 Lahee, F. H., *Field geology*, 5th edition (McGraw-Hill, 1952).
 Bragg, W. L., *Atomic structure of minerals* (Cornell U.P.).
 Simpson, G. G., *Life of the past* (Yale U.P., 1953).
 Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope*, 2nd edition (Arnold).
 Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).

253. Geology II, B.E. Course.

Students taking the course for the degree of B.E. in Mining and Metallurgy attend lectures and practical work in the crystallography, mineralogy, petrology and structural geology sections of Course 252.

254. Geology III.

Pre-requisite subject: A pass in Division I, or higher, in Geology II (252) and either Physics II (224) or Physical and Inorganic Chemistry II (233).

LECTURES.—This course consists of eighty lectures.

Crystallography and Mineralogy: Elementary X-ray crystallography. The theory of optical mineralogy.

Petrology: A detailed survey of igneous, sedimentary and metamorphic rocks and a discussion of some problems of petrogenesis.

Structural Geology: Advanced studies in structure and tectonics.

Mineral Deposits: The geology of mineral deposits.

Stratigraphy: Principles of stratigraphy. Outline of the regional and historical geology of the continents.

LABORATORY WORK.—Students are expected to spend 12 hours a week in the laboratory.

Crystallography: Crystal calculations. Interpretation of simple X-ray oscillation and powder photographs.

Optical Mineralogy: The determination of minerals both in thin section and in grains.

Petrology: An extension of the course in Geology II with more emphasis on the metamorphic rocks. Quantitative determination of mineral composition of rocks under the microscope. The examination of detrital sediments.

Stratigraphy: Exercises in stratigraphical procedures and interpretations.

Photogeology: Exercises in photo interpretation.

FIELD GEOLOGY.—Geological mapping. Work in the field will comprise about two weeks.

Text-books:

- Phillips, F. C., *Introduction to crystallography*, 2nd edition (Longmans).
 Rogers, A. F., and Kerr, P. F., *Optical mineralogy*, 2nd edition (McGraw-Hill).
 Turner, F. J., and Verhoogen, J., *Igneous and metamorphic petrology* (McGraw-Hill).
 Dunbar, C. O., *Historical geology* (Wiley).
 Dunbar, C. O., and Rodgers, T., *Principles of stratigraphy* (Wiley).
 Mason, B., *Principles of geochemistry*, 2nd edition (Wiley, 1958).

Reference books:

- Barth, T. F. W., *Theoretical petrology* (Wiley).
 Hartshorne, N. H., and Stuart, A., *Crystals and the polarising microscope*, 2nd edition (Arnold).
 Wahlstrom, E. E., *Optical crystallography* (Wiley).
 Larsen, E. S., and Berman, H., *Microscopic determination of the non-opaque minerals*, 2nd edition (U.S.G.S.).

- Winchell, A. N., *Elements of optical mineralogy*, Vol. 1, 4th edition, and Vol. 2, 3rd edition (Wiley).
 Harker, A., *Metamorphism*, 2nd edition (Methuen).
 Dana, E. S., and Ford, W. E., *Text-book of mineralogy*, 4th edition (Wiley).
 Pettijohn, F. J., *Sedimentary rocks* (Harper).
 Williams, H., Turner, F. J., and Gilbert, C. M., *Petrography* (Freeman).
 Gignoux, M., *Stratigraphic geology* (Freeman).
 Wells, A. K., and Kirkaldy, J. F., *Outlines of historical geology* (Murby).
 David, T. W. E., edited and supplemented by Browne, W. R., *Geology of the Commonwealth of Australia* (Arnold, 1950).
 Forrester, J. D., *Principles of field and mining geology* (Wiley).

256. Mining Geology.

Pre-requisite subjects: Geology I (251) and Geology II, B.E. course (253).

This course completes the requirements in geology and mineralogy for students in Mining Engineering.

Lectures and laboratory work are conducted during the third term.

LECTURES.—A course of about twenty lectures dealing with the occurrence, distribution and form of mineral deposits, their genetic classification and systematic classification; the localisation of ore shoots; secondary processes and their results; metallogenetic provinces and epochs; the tenor of ores and the significance of impurities; sampling and prospecting operations; geological factors in the development of ore and ore finding.

LABORATORY WORK.—A course of demonstrations using suites of rock and ore specimens from various mining fields; the examination of ore and gangue minerals by transmitted and reflected light; methods of geological survey in mines and the compilation and use of geological mine maps and sections.

Text-books:

- Lindgren, W., *Mineral deposits*, 4th edition (McGraw-Hill).
 Bateman, A. M., *Economic mineral deposits* (Wiley).
 McKinstry, H. E., *Mining geology* (Prentice-Hall).
 Edwards, A. B. (ed.), *Geology of Australian ore deposits* (5th Empire Mining and Met. Congress, Vol. I).

Books of Reference:

- Short, W. N., *Microscopic determination of ore minerals* (U.S.G.S.).
 Newhouse, W. H., *Ore deposits as related to structural features* (Princeton U.P.).

257. Palaeontology.

The course comprises two lectures and four hours' practical work a week throughout the year, with additional individual work and field excursions.

It deals with structure and classification of fossils, palaeo-ecology, biostratigraphy, economic palaeontology and regional distribution of fossil faunas and floras.

Text-books:

- Moore, R. C., Lalicker, C. G., and Fischer, A. G., *Invertebrate fossils* (McGraw-Hill).
 Colbert, E. H., *Evolution of the vertebrates* (Wiley, 1955).

Reference books:

- Shrock, R. R., and Twenhofel, W. H., *Principles of invertebrate palaeontology* (McGraw-Hill, 1953).
 Glaessner, M. F., *Principles of micro-palaeontology* (M.U.P., 1945).
 Arnold, C. A., *An introduction to palaeobotany* (McGraw-Hill, 1947).

To count Palaeontology as a third-year subject for the degree of B.Sc., the candidate must present also Zoology II or Botany II or Genetics I in addition to the normally required number of subjects from Group B.

258. Geology for the Honours Degree of B.Sc.

Candidates may choose either Mineralogy and Petrology or Stratigraphy and Palaeontology or Economic Geology as a principal subject, but may also select a subsidiary subject from the other branches. Special courses of reading and laboratory studies will be laid down and each candidate will be required to give all the time not required for lectures or in the field to work in the laboratory. Evidence must be produced of satisfactory original work according to an approved plan. Candidates may be required to satisfy the examiners that they have a reading knowledge of French and German. They must also apply, before the end of the preceding year to the Professor concerned for approval of their proposed courses of study.

BOTANY

Students are directed to refer to the Laboratory Rules, which appear immediately after the Regulations.

EXAMINATIONS.—All examinations in Botany include *both* theoretical and practical papers. These cannot be taken separately.

There are three courses in Botany for the ordinary degree of B.Sc., each extending over one year. There is an examination at the end of each course.

261. Botany I.

LECTURES: A course of two lectures a week throughout the session dealing with the following:

- (i) Elementary morphology, anatomy and physiology of angiosperms.
- (ii) Outline of morphology and reproduction of main classes of plants.
- (iii) Introduction to classification of plants with special reference to local angiosperms; and including elements of floral biology and ecology.
- (iv) Elementary genetics, cytology and evolution. (See syllabus for Genetics.)

PRACTICAL WORK for the above course comprises two periods a week throughout the year.

FIELD WORK.—At least one excursion to places of botanical interest.

Text-book:

Robbins, W. W., Weier, T. E., and Stocking, C. R., *Botany, an introduction to plant science* (Wiley, New York; Chapman and Hall, London).

Students must also possess and learn to use Black, J. M., *Flora of South Australia*, parts 1-4 (Government Printer, Adelaide).

For reference:

Priestley, J. H., and Scott, L. I., *Introduction to botany* (Longmans).

Bonner, J., and Galston, A. W., *Principles of plant physiology* (W. H. Freeman, San Francisco).

262. Botany II.

Pre-requisite subjects: Chemistry I (231) and Course 261.

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (I).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and Physics I.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. ANATOMY AND MORPHOLOGY OF THE SPERMATOPHYTES.—An outline of the anatomy and histology of the angiosperms.

Text-book:

Esau, K., *Plant anatomy* (Chapman and Hall).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

Text-books in Systematic Botany:

Black, J. M., *Flora of South Australia*, vols. 1-4 (Government Printer, Adelaide),

and one of the following:—

- (1) Rendle, A. B., *Classification of flowering plants*, vol. 2. Dicotyledons (C.U.P.).
- (2) Willis, J. C., *Manual and dictionary of flowering plants and ferns* (C.U.P.).
- (3) Hutchinson, John, *The families of flowering plants*, 1. Dicotyledons (Macmillan).

For supplementary reading in ecology:

Leeper, G. W., *Introduction to soil science* (Melb. U.P.).

Oosting, H. J., *Plant communities* (W. H. Freeman, San Francisco).

Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

Reference books in Systematic Botany:

Lawrence, G. H. M., *Taxonomy of vascular plants* (Macmillan, 1951).

Bentham, G., *Flora Australiensis* (Reeve).

Bailey, L. H., *Manual of cultivated plants* (Macmillan).

Hackel, Eduard, *The true grasses* (from "Die Natürlichen Pflanzenfamilien") (Henry Holt).

Hutchinson, John, *British flowering plants* (Gawthorn, 1948).

Hill, Albert F., *Economic botany* (McGraw-Hill).

Gundersen, A., *Families of dicotyledons* (Chronica Botanica).

Dell, E., and Gardner, C. A., *Wild flowers of Western Australia*. Illus. (W.A. Newspapers Ltd.).

Camp, W. H., Rickett, H. W., and Weatherby, C. A., *International rules of botanical nomenclature* (Chronica Botanica).

D. QUANTITATIVE BIOLOGY.—First term only of Part B of Course 296.

PRACTICAL WORK extending over eight hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible, a camp will be arranged during vacation time.

263. Botany IIA (for Forestry Students).

Students proceeding to the degree of B.Sc. in Forestry are required to take, as their course in Botany II, course 262, with the exception of the section on quantitative biology and of practical work in plant physiology, and in addition the courses in Mycology and in Gymnosperms given in Botany III.

265. Botany III.

Pre-requisite subjects: Chemistry I (231) and Course 262.

The theoretical course comprises three lectures a week throughout the year. It is divided into parts as under:

A. PLANT PHYSIOLOGY (II).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

Book of reference:

Gortner, R. A., *Outlines of biochemistry*, 3rd edition (Wiley).

B. ANATOMY, MORPHOLOGY, AND PHYLOGENY OF THE ALGAE, BRYOPHYTES AND PTERIDOPHYTES.

Text-book:

Smith, G. M., *Cryptogamic botany*, vols. 1 and 2, 2nd edition (McGraw-Hill).

Books of reference:

Campbell, D. H., *Structure and development of mosses and ferns* (Macmillan).

Lucas, A. H. S., and Perrin, F., *Seaweeds of South Australia*, pts. 1 and 2 (Government Printer, Adelaide).

Fritsch, F. E., *Structure and reproduction of the algae*, vols. 1 and 2 (C.U.P.).

Smith, G. M., *Manual of phycology* (Chronica Botanica).

Newton, L., *Seaweed utilisation* (S. Low).

C. THE BIOLOGY, PATHOLOGY AND CLASSIFICATION OF THE FUNGI.

Text-book:

Bessey, E. A., *Morphology and taxonomy of fungi* (Constable).

D. CLASSIFICATION AND COMPARATIVE MORPHOLOGY OF THE GYMNOSPERMS.

E. ADVANCED MICROSCOPY.

F. GENETICS.—First term only of Part A of Course 296.

PRACTICAL WORK extending over twelve hours a week throughout the course is arranged in connection with the lectures.

FIELD WORK.—Approximately a week will be spent in the field during the year, including excursions to localities of special interest that are beyond the scope of a single day's outing from Adelaide. When possible a camp will be arranged during vacation time.

267. Botany for the Honours Degree of B.Sc.

Candidates for the Honours Degree in Botany are required to show a more detailed knowledge than is required for the Ordinary Degree, and to pass a more stringent examination. Some particular branch of Botany will be studied more intensively and research work will be undertaken. Candidates are expected to spend all the time not necessarily devoted to lectures in the laboratory, and they are required to attend such lectures and pass such examinations in Chemistry and other subjects as the Professor of Botany may deem necessary. Ordinarily it is necessary that the additional subjects be taken before the final year's work in Botany. Candidates may be required to satisfy the Professor that they have a reading knowledge of French and German.

Books of reference are set from time to time by the Professor.

Further reading is prescribed during the course. Intending Honours candidates are expected to read during the long vacation before they begin their final year, and should consult the Professor of Botany, who will advise a suitable course.

269. Biology.

A course consisting of two lectures and two periods of practical work each week throughout the year. Both day and evening classes will be held. The course includes:

- (a) An introduction to genetics, gene action and cell physiology.
- (b) Structure and physiology of plants.
- (c) Morphology and reproduction of main classes of plants.
- (d) The mechanism of evolution, and the impact of modern biological thinking on our philosophy and future evolution.
- (e) The anatomy and physiology of selected invertebrate animals.
- (f) Functional anatomy of vertebrates and comparative embryology.

Text-books:

Barnett, A., *The human species* (Pelican), and

Either:

Hentschel, C. C., and Ivimey Cook, W. R., *Biology for medical students* (Longmans);

or a combination of the following:

Buchsbaum, R. M., *Animals without backbones*, vols. 1 and 2 (Pelican).

Romer, A. S., *Man and the vertebrates*, vols. 1 and 2 (Pelican).

Mather, K., *Genetics for schools* (John Murray).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann),

and

Godwin, H., *Plant biology* (C.U.P.), or

James, W. O., *Elements of plant biology*, 3rd edition (Allen and Unwin).

ZOOLOGY

EXAMINATIONS.—All examinations in Zoology include both practical and theoretical papers; these cannot be taken separately.

PRACTICAL ZOOLOGY.—A record of all work done in the laboratory must be kept in a suitable notebook; these records will be inspected periodically and at the final examination.

271. Zoology I.

This course includes:

- (a) An introduction to cell physiology.
- (b) A study of some invertebrates and vertebrates.
- (c) An introduction to comparative physiology.
- (d) Elementary genetics: evolution and the mechanism of evolution.
- (e) The principles of classification; ecology.
- (f) A number of written exercises and seminars on selected topics, e.g. scientific method, the race-theory, the ideas of Malthus, etc.

Text-books:

Guthrie and Anderson, *General zoology* (Wiley).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).

Barnett, A., *The human species* (Pelican).

Students should consult:

Buchsbaum, R. M., *Animals without backbones*, vols. 1 and 2 (Penguin).

Ramsay, J. A., *A physiological approach to the lower animals* (C.U.P.).

Romer, A. S., *Man and the vertebrates* (Penguin).

Abercrombie, M., Hickman, C. J., and Johnson, M. L., *A dictionary of biology* (Penguin).

274. Zoology II.

Pre-requisite subjects: Chemistry I (231) and course (271).

The course includes the following subjects: Cellular physiology, principles of taxonomy and the classification, structure and physiology of either invertebrates or vertebrates (in alternate years), and quantitative biology (first term only of Part B of Course 296).

Text-books:

Borradale, L. A., Eastman, L. E. S., Potts, F. A., and Saunders, J. T., *The invertebrata* (C.U.P.), or

Young, J. Z., *The life of vertebrates* (O.U.P.).

Scheer, B. T., *Comparative physiology* (Wiley).

For reference:

Baldwin, E., *An introduction to comparative biochemistry* (C.U.P.).

Prosser, C. L., *Comparative animal physiology* (Saunders).

Cain, A. J., *Animal species and their evolution* (Hutchinson).

275. Zoology III.

Pre-requisite subject: course (274).

The course includes the following subjects: Animal ecology, marine biology, entomology and the classification, structure and physiology of either vertebrates or invertebrates (in alternate years); also general genetics.

Text-books:

- Young, J. Z., *The life of vertebrates* (O.U.P.), or
 Borradaile, L. A., Eastman, L. E. S., Potts, F. A., and Saunders, J. T.,
The invertebrata (C.U.P.).
 Scheer, B. T., *Comparative physiology* (Wiley).

For reference:

- Elton, C. S., *Animal ecology* (Sidgwick and Jackson).
 Hesse, R., Allee, W. C., and Schmidt, K. P., *Ecological animal geography* (Wiley).
 Andrewartha, H. G., and Birch, L. C., *The distribution and abundance of animals* (C.U.P.).
 Imms, A. D., *General textbook of entomology* (Methuen).
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
 Tinbergen, N., *The study of instinct* (O.U.P.).
 Ford, E. B., *Mendelism and evolution* (Methuen).
 Simpson, G. G., *The meaning of evolution* (Yale U.P.).
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).
 Dawes, B., *A hundred years of biology* (Duckworth).
 Sverdrup, H. V., Johnson, M. W., and Fleming, R. H., *The oceans* (Pren-
 tice-Hall).

For reference in the course of invertebrates:

- Parker and Haswell, *Textbook of zoology*, vol. I (Macmillan).
 Bullough, W. S., *Practical invertebrate anatomy* (Macmillan).
 Hyman, L. H., *The invertebrates*, vols. 1-4 (McGraw-Hill).
 Imms, A. D., *General textbook of entomology* (Methuen).
 Wigglesworth, V. B., *Principles of insect physiology* (Methuen).
 Lapage, G., *Parasitic animals* (C.U.P.).

For reference in the course on vertebrates:

- Romer, A. S., *The vertebrate body* (Saunders).
 Leach, W. P., *Functional anatomy of the mammal* (McGraw-Hill).
 Saunders, J. T., and Manton, S. M., *A manual of practical vertebrate morphology* (O.U.P.).
 Shumway, W., *Introduction to vertebrate embryology* (Wiley).
 Parker and Haswell, *Textbook of zoology*, vol. 2 (Macmillan).
 Turner, C. D., *General endocrinology* (Saunders).

278. Zoology for the Honours Degree of B.Sc.

Students who wish to take an Honours Degree in Zoology should consult the Professor some time during the third year.

Candidates are expected to attain a higher standard in general zoology than that required for the Ordinary Degree. In addition, they are expected to study more particularly one or two groups or some phase of zoology, and to carry out research work as an exercise in scientific method.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Students may be expected to attend such lectures and pass such examinations as the Professor may require.

A course of reading, which should be commenced during the long vacation prior to the honours year, will be prescribed by the Professor.

Candidates must have some reading knowledge of French and German and are expected to show some skill in abstracting scientific papers and in the preparation of scientific reports.

BIOCHEMISTRY.

281. Biochemistry I.

Pre-requisite subjects: General Physics (221) or Physics I (223), Chemistry I (231) and either Biology (269) or the courses in Botany and Zoology presented for first-year medical students; or any two of the following three subjects: Botany I, Zoology I, General Mathematics or Pure Mathematics I.

The course comprises two lectures and six hours practical work a week for three terms.

Subject matter:

The chemistry of carbohydrates, lipids and proteins, and of related products of living matter; the nature and activity of enzymes; the chemistry of digestion; absorption and intermediary metabolism; hormones and vitamins; the composition of special tissues and tissue fluids; energy requirements and control.

The practical work includes qualitative experiments illustrating the properties of the materials dealt with in the lectures, quantitative analysis of urine, blood, and other biological materials. In addition, candidates are introduced to more specialized techniques, including the preparation of enzymes and metabolic intermediates, manometry, chromatography and optical methods used to study chemical pathways in living cells.

Text-books (latest editions in all cases):

- Harrow, B., and Mazur, A., *Text-book of biochemistry* (Saunders); or
 Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications).
 Mitchell, M. L., *Manual of practical biochemistry* (Hassell).

282. Biochemistry II.

Pre-requisite subject: Course 281.

The course comprises three lectures a week in the first and second terms and not less than two lectures a week in the third term. The practical work will occupy at least eight hours a week for three terms.

Subject matter:

More advanced aspects of some of the subjects dealt with in Biochemistry I, notably intermediary metabolism, hormones and vitamins; nutrition, comparative biochemistry, biophysics, the biochemistry of disease and of genetics; special aspects of bacterial metabolism, of general physiology, of the chemical action of drugs and of applied biochemistry.

The practical work will include the preparation and estimation of substances of biochemical interest; the quantitative study of enzyme reactions, manometry and other special techniques; experiments in nutrition and demonstrations illustrating features of the theory course.

Text-books (latest editions in all cases):

- Baldwin, E., *Dynamic aspects of biochemistry* (C.U.P.).
 Fruton, J. S., and Simmonds, S., *General biochemistry* (Wiley).
 Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).
 Umbreit, W., Burris, R., and Stauffer, J., *Manometric techniques and tissue metabolism* (Burgess Publishing Co., Minn.).

Reference books:

- Greenberg, D. M., *Chemical pathways of metabolism* (Academic Press).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).
 Davidson, J. N., *Biochemistry of nucleic acids* (Methuen).
 Butler and Randell, *Progress in biophysics* (Butterworth, Springer).
 Sumner, J., and Myrback, K., *The enzymes* (Academic Press, N.Y.).
 McElroy, W., *Phosphorus metabolism* (Johns Hopkins Press).

Other references will be supplied during the course.

284. Biochemistry for the Honours Degree of B.Sc.

The course extends over three terms.

Pre-requisite subject: Course 282.

Candidates are required to give their full time for at least an entire academic year to a special course of study and laboratory work in the biochemistry laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Biochemistry. They may be required also to satisfy the Professor that they have a reading knowledge of French and German.

Text-book:

Cowgill, R. W., and Pardee, A. B., *Experiments in biochemical and research techniques* (Wiley).

Reference books (in addition to those presented for 282):

Annual reviews of biochemistry (Stanford U.P.).

Graaf, S., *Essays in biochemistry* (Wiley).

Haurowitz, F., *Chemistry and biology of proteins* (Academic Press).

Lemberg, R., and Legge, J., *Haematin compounds and bile pigments* (Interscience).

Gale, E. F., *Chemical activities of bacteria* (University Tutorial Press).

Green, D. E., *Mechanisms of biological oxidations* (C.U.P.).

Bull, H. B., *Physical biochemistry* (Wiley); or

Johlin, J. M., *Introduction to physical biochemistry*, 2nd edition (Harper).

Dixon, M., *Multi-enzyme systems* (C.U.P.).

Symposium on the use of isotopes in biology and medicine (Blackwell).

White, A., et al., *Principles of biochemistry* (McGraw-Hill).

Williams, T. J., *The elements of chromatography* (Blackie).

Other reading will be prescribed during the course.

PHYSIOLOGY**286. Physiology.**

Pre-requisite subjects: General Physics (221) or Physics I (223), Chemistry I (231) and Biology (269), or any two of the following three subjects: Botany I, Zoology I, General Mathematics or Pure Mathematics I; and Histology. Further, it is recommended that students should have completed the course in Biochemistry I.

Science students will begin the lectures in Physiology in the first term of their third year, having completed the course and passed in the subject of Histology (301). The lecture course, which is given annually, deals with the structure and function of the principal mammalian tissues, organs and systems together with the hormonal and neural integrations of the organism. The practical work is based on human and mammalian material, and illustrates many of the classical observations of physiological function.

Text-book:

Text-book of physiology, ed. J. F. Fulton, 17th edition (W. B. Saunders).

288. Physiology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 286.

The course extends over three terms.

Candidates are required to give their full attendance for an entire academic year to a special course of study and laboratory work in the physiology laboratory, and to participate in experimental work of a research character under the direction and supervision of the Professor of Physiology. A course in reading, which should be commenced during the long vacation prior to the Honours year, will be published in the Department of Physiology. Candidates may be required also to satisfy the Professor that they have a reading knowledge of French and German.

BACTERIOLOGY.

291. Bacteriology I.

Pre-requisite subjects: General Physics (221) or Physics I (223), Chemistry I (231), and any one of the following: Biology (269), Botany I (261), Zoology I (271).

The course consists of lectures, demonstrations and practical work for not less than eight hours a week during three terms, and deals with:

Cytology of bacteria and yeasts; physiology, metabolism and classification of viruses, bacteria and yeasts; the principles of sterilisation, disinfection and chemotherapy; general principles of infection, immunity and serology; the microbiology and preservation of milk, milk products and food; the microbiology of water, sewage and soil; industrial microbiology.

Practical work includes the techniques of staining, cultivation, isolation and identification of bacteria, yeasts and viruses; a detailed study of representatives of the yeasts, bacteria and viruses; the carrying out of serological tests; the microbiological examination of dairy products, canned foods, water, sewage and soil.

Text-book:

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology* (Livingstone).

Gale, E. F., *Chemical activities of bacteria* (University Tutorial Press).

For reference:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (Arnold).

Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, San Francisco, 1954).

Breed, R. S., Murray, E. G. D., and Smith, N. R., *Bergey's manual of determinative bacteriology*, 7th edition (Williams and Wilkins).

Waksman, S. A., *Soil microbiology* (Wiley).

Chalmers, C. H., *Bacteria in relation to the milk supply* (Arnold).

Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 2nd edition (McGraw-Hill, 1949).

Hammer, B. W., *Dairy bacteriology*, 3rd edition (Wiley, 1948).

292. Bacteriology II.

Pre-requisite subjects: A pass with credit or distinction or in Division I in Bacteriology I (291) and either Biochemistry I (281) or Organic Chemistry II (235).

The course consists of lectures and practical work covering at least twelve hours a week for three terms and deals with:

More advanced study of the physiology and metabolism of bacteria, yeasts and viruses; variation and mutation in bacteria and viruses; immunochemistry and epidemiology; the host-parasite relationship illustrated by animal viruses and bacteriophages.

Text-books:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (Arnold).

Clifton, C. E., *Introduction to bacterial-physiology* (McGraw-Hill, 1957).

Luria, S. E., *General virology* (Wiley, 1953).

For reference:

Breed, R. S., Murray, E. G. D., and Smith, N. R., *Bergey's manual of determinative bacteriology*, 7th edition (Williams and Wilkins).

Dubos, R. J., *The bacterial cell* (Harvard U.P.).

Landsteiner, K., *Specificity of the serological reactions*, 2nd edition (Thomas, Baltimore).

Kabat, E. A., and Mayer, M. M., *Experimental immunochemistry* (Charles C. Thomas).

Rivers, T. M., *Viral and rickettsial infections of man* (Lippincott).

Burnet, F. M., *Virus as organism* (Harvard U.P.).

Werkman, C. H., and Wilson, P. W., *Bacterial physiology* (Academic Press).

Stephenson, M., *Bacterial metabolism*, 3rd edition (Longmans).

- Knaysi, G. A., *Elements of bacterial cytology*, 2nd edition (Comstoed, New York, 1951).
 Heyningen, W. E. van, *Bacterial toxins* (Blackwell Scientific Publications, Oxford, 1950).
 Heidelberger, M., *Lectures on immunochemistry* (Academic Press, 1956).

295. Bacteriology for the Honours Degree of B.Sc.

Pre-requisite subject: Course 292. Candidates for the Honours Degree in Bacteriology must have passed the examination in Course 292 to the satisfaction of the Head of the Department.

Prospective candidates should consult the Head of the Department some time during the year preceding the honours year.

The course extends over at least an entire academic year. Candidates are expected to show a more detailed knowledge of the subject than is required for the Ordinary degree and to pass a more stringent examination. They are required to study more intensively some particular aspect of microbiology and to participate in experimental research work. During the year they may be required to present detailed reports of their research projects and must provide satisfactory evidence of progress in original work according to an approved plan. They are expected to spend all their time, except that devoted to lectures, in the laboratory and are required to attend such lectures and pass such examinations in other subjects as the Head of the Department may deem necessary. A course of reading is prescribed and should be commenced early in the long vacation prior to the honours year. A reading knowledge of French and German is required.

GENETICS.

Genetics in Botany I and Zoology I.

About eight lectures and demonstrations, as part of Zoology I and Botany I in the first year Science course.

Human pedigrees. Hypothesis of gene determination of heritable characters. Mendel's work on the garden pea, his laws of purity of gamete and independent segregation. Linkage and genetical chromosome maps. Physical basis of Mendelian inheritance. Sex linked inheritance. Mutation and selection. Evolution. Relation of genetics to other sciences.

Reference books:

- Mather, K., *Genetics for schools* (Murray).
 Sinnott, E. W., Dunn, L. C., and Dobzhansky, Th., *Principles of genetics*, 5th edition (McGraw-Hill).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).
 Dunn, L. C., *Genetics in the twentieth century* (Macmillan).

296. Genetics I.

Candidates for the degree of Bachelor of Science must present both parts of the course.

PART A. This deals with General Genetics and consists of one lecture and two hours practical work a week throughout the year.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

- Darlington, C. D., *Chromosome botany* (Allen and Unwin).
 Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

PART B. This consists of one lecture and a two-hour practice class each week throughout the year.

Term I. Quantitative Biology. An introduction to the statistical analysis of quantitative data in the biological sciences: Graphical representation of numerical data. Populations and samples. Mean and variance. Probability. Binomial, Poisson and normal frequency distributions. Tests of significance. Chi-squared. Comparison of means of two populations and of two samples. Regression and correlation.

Term II. Population Genetics. Gene frequency and its measurement. "Hardy-Weinberg Law" for random mating populations. Selection. Transient and selectively balanced polymorphism.

Term III. Human Genetics. Pedigrees of human abnormalities and their genetical analysis. Single factor segregations and methods of ascertainment. Mutation. Twin studies. Gene frequency analysis in human populations. ABO, Rhesus and other blood groups. The bearing of blood groups on anthropology, disease and forensic medicine. Genetics of biochemical differences—haemoglobin variants, metabolic disorders, etc. Genetic linkage in man. Genetic counselling.

Text-books:

- Mather, K., *Statistical analysis in biology* (Methuen).
 Mather, K., *The measurement of linkage in heredity* (Methuen).
 Moroney, M. J., *Facts from figures* (Pelican).
 Dawkins, R., *The mechanism of evolution* (Heinemann).
 Lawler, S. D., and Lawler, L. J., *Human blood groups and inheritance* (Heinemann).
 Stern, C., *Human genetics* (Freeman).

297. Genetics II.

Pre-requisite subjects: Genetics I (296).

(Agricultural Science students who have passed Genetics IA (366) and Biometry (373) to the satisfaction of the Professor of Genetics may proceed to Genetics II.)

This course consists of three lectures and six hours practical work a week throughout the year and includes the more advanced aspects of biometrical, microbial, physiological, population and human genetics, and cytology.

Reference books:

- Catcheside, D. G., *Genetics of micro-organisms* (Pitman).
 Clausen, J., *Stages in the evolution of plant species* (Cornell U.P. and O.U.P.).
 Darlington, C. D., *Evolution of genetic systems* (Oliver and Boyd).
 Darlington, C. D., *Recent advances in cytology* (Churchill).
 Dobzhansky, T., *Genetics and the origin of species* (Columbia U.P.).
 Haldane, J. B. S., *The biochemistry of genetics* (Allen and Unwin).
 Harris, H., *An introduction to human biochemical genetics* (C.U.P.).
 Kempthorne, O., *An introduction to genetic statistics* (Wiley).
 Li, C. C., *Population genetics* (Chicago U.P.).
 Mather, K., *Biometrical genetics* (Methuen).
 Neel, J. V., and Schull, W. J., *Human heredity* (Chicago U.P.).
 Race, R. R., and Sanger, R., *Blood groups in man* (Blackwell).
 Sheppard, P. M., *Natural selection and heredity* (Hutchinson).
 Stebbins, G. L., *Variation and evolution in plants* (Columbia U.P.).
 Swanson, C. P., *Cytology and cytogenetics* (Prentice-Hall).
 Wagner, R. P., and Mitchell, H. K., *Genetics and metabolism* (Wiley).
 White, M. J. D., *Animal cytology and evolution* (C.U.P.).

298. Genetics for the Honours Degree of B.Sc.

Candidates for the Honours degree in Genetics are required to show a more advanced and detailed knowledge of the subject than is required for the Ordinary degree and to pass a more stringent examination. Some particular aspect of Genetics will be studied more intensively and research will be carried out. Candidates will be required to prepare abstracts of selected articles and to present reviews of selected topics.

All the time not necessarily devoted to lectures shall be spent in the laboratory. Candidates are required to attend such lectures and pass such examinations in other subjects as the Professor of Genetics may deem necessary, and they may be required to satisfy him that they have a reading knowledge of French and German.

Students who wish to take the Honours degree should consult the Professor of Genetics as soon as possible in order that they can be advised on suitable work and a course of reading.

ANATOMY AND HISTOLOGY.

301. Histology (for the Ordinary Degree of B.Sc.).

Pre-requisite subjects: General Physics (221) or Physics I (223), Chemistry I (231), and either Biology (269) or Biology (533), or any two of the following three subjects: Botany I, Zoology I, General Mathematics or Pure Mathematics I.

The course comprises two lectures and six hours practical work a week for three terms and includes:

The technique of section preparation. Microscopy, including special methods of examining sections. The structure of the cell and its relation to function. Basic methods of cytochemistry. The histology of intercellular substances and the tissues of the body. The histology of the systems of the body, including basic neurology and neurohistology.

Throughout the course emphasis is laid on structure and its relation to function.

Each student is provided with a loan collection of histological slides; other preparations will be made during the practical classes. Some microscopes are obtainable on loan.

Text-books (latest editions):

Maximow, A. A., and Bloom, W., *Textbook of histology* (Saunders), or Ham, A. W., *Histology* (J. B. Lippincott).

For reference:

McClung, C. E., *Handbook of microscopical technique* (Hoeber).

Pearse, A. G. E., *Histochemistry* (J. and A. Churchill).

Bourne, G. H., *Cytology and cell physiology* (Clarendon Press).

Ranson, S. W., *The anatomy of the nervous system* (Saunders).

Clark, W. E. Le Gros, *The tissues of the body*, 4th edition (O.U.P.).

303. Vertebrate Anatomy and Morphology for the Honours Degree of B.Sc.

Candidates for the examination must have passed their anatomy and physiology for the degrees of M.B. and B.S.

They will be admitted to examination two years after beginning the course.

The subjects of the examination will be as follows:

1. VERTEBRATE EMBRYOLOGY.—Candidates will be expected to display a good general knowledge of comparative embryology with special reference to any aspect they elect to study more particularly.

2. VERTEBRATE ANATOMY.—Candidates must submit notebooks of their drawings of personal dissections of such representative vertebrate animals as the Professor shall select. Good familiarity with the general evolution of most systems will be expected; candidates may elect one for special study.

3. COMPARATIVE NEUROLOGY.—Candidates must show a good knowledge of evolution in structure and function of the central nervous system in particular.

4. OTHER.—Candidates must be familiar with the general methods and findings of Physical Anthropology, and with the general practical methods employed in biological laboratories. They will be expected to take part in any research work in progress or may be assigned to individual investigations. They should have a reading knowledge of French and German.

AGRICULTURAL SCIENCE

351. Physics.

The course will be that prescribed for General Physics (221).

352. Chemistry I.

The course will be that prescribed for Chemistry I (231).

353. Botany I.

The course will be that prescribed for Botany I (261).

354. Zoology I.

The course will be that prescribed for Zoology I (271).

361. Agriculture I.

The course consists of one lecture and two hours practical work a week for three terms covering:

(a) The history of agriculture; agricultural resources; world population and nutritional standards; the ecology of work crop and livestock distribution; the agriculture of various regions; the history of Australian agriculture; the Australian environment, crop and livestock distribution.

(b) Climatology. The elements of world climate; climates of the earth; climates of Australia; evaporation and rainfall effectiveness; length of growing season; weather variability and hazards; microclimatology; weather modification.

Text-books:

C.S.I.R.O., *The Australian environment* (C.S.I.R.O., Melbourne).

Andrews, J., *Australia's resources and their utilisation* (University of Sydney).

Reference books:

Klages, K. H. W., *Ecological crop geography* (Macmillan).

Hare, F. K., *The restless atmosphere* (Hutchinson).

Miller, A. Austin, *Climatology*, 8th edition (Methuen).

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).

Russell, E. J., *World population and world food supplies* (Allen and Unwin).

Oxford economic atlas (O.U.P.).

363. Chemistry II.

This course will consist of three sections (physical chemistry, organic chemistry and biochemistry), each consisting of three lectures and six hours practical work a week for one term.

Physical Chemistry.

Introduction to chemical thermodynamics, electrochemistry, conductivity of solutions, reaction kinetics, reactions in solution, colloid and macromolecular chemistry, surface chemistry. The practical work will consist of a number of experiments illustrating the above topics.

Book recommended:

Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).

Organic Chemistry.

The organic chemistry of heterocyclic compounds with special emphasis on nitrogenous and other compounds of significance to the biologist. The mechanism of organic reactions. The chemistry of carbohydrates. Practical work illustrating the major methods and techniques of organic chemistry.

Book recommended:

English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).

Biochemistry.

Methods in biochemistry. Introduction to the biochemistry of mineral elements, carbohydrates, lipids, amino acids and proteins. Introduction to enzymology and some aspects of intermediary metabolism. The practical course will consist of experiments relating to the above topics.

Books recommended:

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Vogel, A. I., *Text-book of quantitative inorganic analysis* (Longmans).

Bonner, J., *Plant biochemistry* (Academic Press).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry*, 2nd edition (Wiley).

Baldwin, E., *Dynamic aspects of biochemistry*, 3rd edition (C.U.P.).

364. Botany IIB.

This course includes (i) the same work as science students in Botany II (262) during the first and third terms; (ii) the same work as science students in Botany III (265) during the second term.

A. PLANT PHYSIOLOGY (i).—Growth; mineral nutrition; pH; water economy of plants; intake of nutrients; growth hormones; photoperiodism. The lectures in this course pre-suppose a knowledge of Chemistry I and General Physics.

Text-book:

Curtis, O. F., and Clarke, D. G., *An introduction to plant physiology* (McGraw-Hill).

B. PLANT PHYSIOLOGY (ii).—Enzymes; photosynthesis; respiration; nitrogen metabolism; translocation; fate of assimilates; metabolism under adverse conditions (wilting, mineral deficiency, insect and fungal attack, etc.).

Text-book:

Bonner, J., *Plant biochemistry* (Academic Press).

C. PLANT GEOGRAPHY AND PLANT ECOLOGY.—The lectures will deal with problems of plant distribution and also in more detail with the ecology of South Australia. The practical work deals with the classification of the angiosperms, and candidates are required to submit a representative herbarium of at least 60 species of South Australian plants collected and named by themselves.

For supplementary reading:

Leeper, G. W., *Introduction to soil science* (M.U.P.).

Oosting, H. J., *Plant communities* (W. H. Freeman, San Francisco).

Wood, J. G., *Vegetation of South Australia* (Government Printer, Adelaide).

Practical work extending over eight hours a week throughout the course is arranged in connection with the lectures. Field work will be arranged in conjunction with the course in Ecology (see Course 262). For text-books and reference books in Systematic Botany, see Course 262.

365. Geology I.

The course will be that prescribed for Geology I (251).

366. Genetics IA.

This course in general genetics consists of one lecture and two hours practical work a week throughout the year.

Mendelian inheritance. Linkage and crossing-over and its physical basis. Mitosis and meiosis. Sex linkage. Sex determination and differentiation. Mutation. Multiple alleles. Gene action and interaction. Quantitative inheritance. Cytoplasmic inheritance. Chromosome changes. Polyploidy. Inbreeding and outbreeding. Genetics and evolution.

Text-books:

Darlington, C. D., *Chromosome botany* (Allen and Unwin).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann).

Mather, K., *The measurement of linkage in heredity* (Methuen).

Srb, A. M., and Owen, R. D., *General genetics* (Freeman).

371. Agriculture II.

(a) A course of one lecture and three hours practical work each week for three terms.

Factors in plant production.

Species and strain, plant introduction, adaptation, ecotypes, selection and breeding of improved varieties, seed certification.

Soil conditions. Growth and nutrient supply, diagnosis and correction of common deficiencies; soil pH and plant growth; growth on saline and alkali soils; influence of soil physical conditions on plant growth; irrigation, drainage, tillage, and mulching.

(b) An introduction to the micro-organisms; their morphology, physiology, cultivation and general classification; the importance of micro-organisms in soil, water and air. (This section involves an additional six hours a week for one term.)

Reference books:

- (a) Black, J. M., *Flora of South Australia* (Government Printer, Adelaide).
- Clausen, J., *Evolution of plant species* (Cornell).
- Donald, C. M., *Pastures and pasture research* (University of Sydney).
- Hubbard, C. E., *Grasses* (Pelican).
- Leeper, G. W., *An introduction to soil science* (M.U.P.).
- Russell, E. J., *Soil conditions and plant growth* (Longmans).
- Shaw, B. T. (Ed.), *Soil physical conditions and plant growth* (Academic Press).
- (b) Clifton, C. E., *Introduction to the bacteria* (McGraw-Hill).

372. Agricultural Chemistry I.

A course of one lecture and three hours practical work a week for three terms, dealing with the structural chemistry and intermediary metabolism of viruses, micro-organisms, plants, insects and higher animals, including the following topics: uptake and utilisation of nutrients by the plant; respiration and photosynthesis; relationship between structure and function of agricultural chemicals; fermentation processes; ruminant metabolism; aspects of cereal and dairy chemistry. Practical work will consist of experiments related to the above topics.

A box of analytical weights with a certificate of accuracy is required.

Book recommended:

Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

Bonner, J., *Plant biochemistry* (Academic Press).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).

Greenberg, D. M., *Chemical pathways of metabolism* (vols. I and II) (Academic Press).

Frear, D. E. H., *Agricultural chemistry* (vols. I and II) (van Nostrand).

Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).

Frear, D. E. H., *Chemistry of the pesticides* (van Nostrand).

Hill, R., and Whittingham, C. P., *Photosynthesis* (Methuen).

373. Biometry.

A brief introduction to the methods of statistics applied to agricultural science; distributions, estimates of probability and the concept of significance; comparisons of means and the t-test; the analysis of variance and the variance ratio test; the design and analysis of experiments; correlation and regression and the analysis of covariance; the binomial and Poisson distributions; the χ^2 distribution, tests of independence and goodness of fit; transformation of data; sampling.

Reference books:

Wishart, J., and Sanders, H. G., *Principles and practice of field experimentation*, 2nd edition (Commonwealth Bureau of Plant Breeding and Genetics, Cambridge, 1955).

Goulden, C. H., *Methods of statistical analysis*, 2nd edition (Wiley, New York; Chapman and Hall, London).

Moroney, M. J., *Facts from figures*, 2nd edition (Penguin).

374. Entomology I.

A course of one lecture and two hours practical work each week for two terms covering:

1. Outlines of morphology, physiology, development and classification of insects.
2. Insect ecology: factors limiting insect numbers in nature; interaction between the insect population and its environment; special adaptations enabling survival; effects of (a) weather, and (b) parasites and predators, in regulating insect numbers.
3. Principles of artificial control of insects; practical limits; cultural methods; insecticides, kinds, mode of action, limitations; biological methods of control.

Text-books:

- Imms, A. D., *Outlines of entomology* (Methuen).
 Wigglesworth, V. B., *Insect physiology* (Methuen).

Reference books:

- Imms, A. D., *General text-book of entomology*, revised edition (Methuen, 1957).
 Tillyard, R. J., *Insects of Australia and New Zealand* (Angus and Robertson).
 Essig, E. O., *College entomology* (Macmillan).
 Metcalf, C. L., and Flint, W. P., *Destructive and useful insects*, 3rd edition (McGraw-Hill).
 Martin, H., *Scientific principles of plant protection* (Longmans).

377. Plant Pathology I.

A course of one lecture and two hours practical work each week for two terms covering:

The nature of plant disease; physiological disorders and diseases caused by bacteria, virus, fungi, nematodes and examples of each class occurring in Australia; principles of disease control, environmental, cultural practices, use of therapeutics, resistant varieties, legislation.

Text-books:

- Bessey, E. A., *Morphology and taxonomy of fungi* (Blakiston).
 Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

- Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).
 Dickson, J. G., *Diseases of field crops* (McGraw-Hill).
 Dowson, W. J., *Manual of bacterial plant pathogens*.
 Fawcett, H. C., *Citrus diseases and their control* (McGraw-Hill).
 Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).
 Large, E. C., *The advance of the fungi* (Alden Press).
 Martin, H., *Scientific principles of plant protection*, 3rd edition (Longmans).

378. Agricultural Botany.

A course of one lecture and three hours practical work each week for two terms devoted to the application of botanical principles to an understanding of growth, yield and quality of economic plants.

Pastures: meristems, differentiation and leaf growth, the influence of internal and external factors on the growth of leaves.

Weeds: morphology of selected species; environment and survival organs in relation to regeneration; physiological actions of weedicides.

Fruit trees: changes during development and maturation of selected fruits; the influence of growth-regulators on fruit bud initiation and development; post-harvest physiology of fruit.

Cereals: morphology of the cereal ear; starch granule synthesis; the influence of environment on development of the ear.

No text-books are required, but selected reading will be assigned.

379. Soil Science I.

A course of one lecture and three hours practical work a week for three terms, dealing with aspects of the chemistry and physics of soils, including soil morphology and soil mineralogy. Topics considered include: classification; soil formation; physical chemistry of soil minerals; chemistry of plant nutrients supplied by soil; soil organic matter; soil water; soil gases; some aspects of wind and water erosion, irrigation and drainage. Practical work will consist of experiments related to the above topics. A box of analytical weights with a certificate of accuracy is required.

Book recommended:

Russell, E. W., *Soil conditions and plant growth* (Longmans).

For general reference:

Jenny, H., *Factors of soil formation* (McGraw-Hill).

Leeper, G. W., *Introduction to soil science* (M.U.P.).

Prescott, J. A., *The soils of Australia in relation to vegetation and climate* (C.S.I.R.O. Bulletin 52).

Stephens, C. G., *A manual of Australian soils* (C.S.I.R.O.).

Marshall, C. E., *The colloid chemistry of the silicate minerals* (Academic Press).

Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

Black, C. A., *Soil plant relationships* (Wiley).

382. Animal Husbandry I.

The course comprises the following sections:—

Animal Physiology.—A course of one lecture a week for two terms and two hours practical work for one term. An introduction to the physiology of heart and circulation; blood and spleen; respiration; the nervous system; function of the organs; endocrines; digestion. Practical work includes a dissection of the sheep and an examination of the microscopic structure of tissues and organs.

Animal Nutrition.—A course of one lecture a week for two terms dealing with nutritional balances; animal calorimetry; basal metabolism; energy requirements and the dietary systems; protein metabolism and requirements for growth and production; mineral requirements, deficiencies and excesses.

Animal Production.—A course of one lecture a week for one term which deals with practical nutrition and problems of management and production in the Australian livestock industries.

Animal Breeding.—A course of one lecture a week for one term introducing the main postulates of population genetics; mass selection; aids to selection; breeding systems; migration and breed structure.

Reference books:

May, N., *The anatomy of the sheep* (Queensland U.P.).

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Bailliere, Tindall and Cox).

Ham, A. W., *Histology*, 2nd edition (Lippincott).

Maynard, L. A., and Loosli, J. K., *Animal nutrition* (McGraw-Hill).

Lerner, I. W., *Population genetics and animal improvement* (C.U.P.).

383. Farm Engineering.

A course of one lecture a week for three terms dealing with the principles, construction and performance of farm implements and machinery, including implements of tillage, harvesting and transport and machinery for processing of agricultural products.

The principles governing the operation of internal combustion engines, diesel engines, steam engines, boilers and electrical motors.

Reference books:

Know your tractor (Shell).

Culpin, C., *Farm machinery* (Crosby and Lockwood).

Bainer, R., and others, *Farm machinery* (Wiley).

Henderson, S. M., and Perry, R. L., *Agricultural process engineering* (Wiley).

Farm electrification handbook (Electricity Supply Association of Australia).

386. Agricultural Economics.

The course will be that prescribed for Agricultural Economics (156).

387. Agriculture III.

A course of two lectures and three hours practical work each week for three terms.

Crop Ecology.—Germination, emergence, growth, development and ripening; plant competition, principles and practice; environmental influences and their modification.

Agrostology.—Pasture plant communities; principles of pasture improvement; grassland management and utilisation; agronomic features of pasture species; economics of pasture improvement; world and Australian grasslands.

Crop Agronomy.—The history, distribution, production, culture and use of principal crops.

Fodder Conservation.—Principles and practice.

Principles of weed control.

Land use and development.

Reference books:

Stapledon, R. G., and Davies, W., *Ley farming* (Faber).

Wadham, S. M., and Wood, G. L., *Land utilisation in Australia* (M.U.P.).

Zimmerman, E. W., *World resources and industries* (Harper).

Rural Reconstruction Commission Reports (Commonwealth Government Printer, Canberra).

Whyte, R. O., *Crop production and environment* (Faber).

Robbins, W. W., and others, *Weed control* (McGraw-Hill).

388. Agriculture IV.

A course of nine hours a week covering:

- (a) World agriculture, crop agronomy and agrostology, weed control, and hydrology.
- (b) Practical classes and seminars related to the above topics, together with further studies of the taxonomy of pasture plants.
- (c) An individual investigational project in agronomy or agrostology, together with a study of relevant literature.

REFERENCE BOOKS:

As for Agriculture III together with any books or papers prescribed during the course.

389. Animal Husbandry II.

A course of about six hours lectures and practical work a week for three terms: The physiology of reproduction and lactation; climate physiology; growth and development; wool biology; endocrines and animal production. The principles of disease control and the main features and problems of the various livestock industries. There will be additional course work in either more advanced aspects of physiology or population genetics according to the student's interests.

A considerable amount of laboratory and animal house work is included.

Reading lists will be provided. These will include recent scientific reviews, selected papers and texts.

390. Genetics II.

The course will be that prescribed for Genetics II (297).

391. Plant Breeding.

A course of lectures and practical work covering—

The role of the plant breeder in agriculture. Breeding methods in relation to mode of reproduction. Critical analysis of breeding and selection methods. Techniques of selfing and crossing. Variability and its utilization. Experimental design and statistical methods; breeding for disease and insect resistance. Field testing and seed certification.

Text-book:

Hayes, H. K., Immer, F. R., and Smith, D. C., *Methods of plant breeding*, 2nd edition (McGraw-Hill).

Reference books:

Sinnot, E. W., Dunn, L. C., and Dobzhansky, F. G., *Principles of genetics* (McGraw-Hill).
 Waddington, C. H., *Introduction to modern genetics* (Allen and Unwin).
 Leonard, W. H., and Clark, A. G., *Field plot technique* (Burgess).

392. Soil Science II.

A course of nine hours lectures and practical work a week for three terms devoted to more advanced studies of the topics listed for Soil Science I. The following topics are discussed: geomorphology and geochemistry; soil microbiology; the flow and diffusion of water and gases; heat flow; thermodynamics of soil water; ion exchange; behaviour of ions in the soil solution with special reference to nutrient uptake by plants; uptake of water by plants; structure of clay minerals and accessory minerals; surface area; swelling; soil physical conditions and plant growth.

Books for reference:

Bear, F. E., *Chemistry of the soil* (Reinhold).
 Brindley, G. W., *X-ray identification and structure of clay minerals* (The Mineralogical Society).
 Grim, R. E., *Clay mineralogy* (McGraw-Hill).
 Marshall, C. E., *The colloid chemistry of the silicate minerals* (Academic Press).
 Dallavalle, J. M., *Micromeritics* (Pitman).
 Baver, L. D., *Soil physics* (Wiley).
 Carman, P. C., *Flow of gases through porous media* (Butterworth).
 Piper, C. S., *Soil and plant analysis* (University of Adelaide).
 Jenny, H., *Factors of soil formation* (McGraw-Hill).
 Mason, B. H., *Principles of geochemistry* (Wiley).
 Shaw, B. T., *Soil physical conditions and plant growth* (Academic Press).

393. Agricultural Chemistry II.

A course of nine hours lectures and practical work a week for three terms. The course includes advanced aspects of physical chemistry, organic chemistry and biochemistry relating to the soil-plant-animal interaction. The following topics are discussed: chemical techniques as applied to agricultural problems; lipoprotein structures in relation to uptake and transport of nutrients; the physical, organic and biochemistry of proteins and nucleic acids; mechanisms of enzymic catalysis; the biochemistry of animal hormones; chemical aspects of response to the environment in micro-organisms, plant and animal; chemical mechanisms controlling cell growth, cell division and cell enlargement; the further aspects of relationship between structure and function in agricultural chemicals; biochemical genetics. The practical work will consist of experiments related to the above topics and will include projects of an investigational nature.

Books recommended:

Vogel, A. I., *Textbook of quantitative inorganic analysis* (Longmans).
 Moore, W. J., *Physical chemistry*, 2nd edition (Prentice-Hall).
 English, J., and Cassidy, H. G., *Principles of organic chemistry*, 2nd edition (McGraw-Hill).
 Fruton, J. S., and Simmonds, S., *General biochemistry*, 2nd edition (Wiley).

For general reference:

Neilands, J. B., and Stumpf, P. K., *Outlines of enzyme chemistry* (Wiley).
 Bonner, J., *Plant biochemistry* (Academic Press).
 Greenberg, D. M., *Chemical pathways of metabolism* (vols. I and II) (Academic Press).
 Frear, D. E. H., *Agricultural chemistry* (vols. I and II) (van Nostrand).

Martin, H., *Scientific principles of plant protection; with special reference to chemical control* (Arnold).

Frear, D. E. H., *Chemistry of the pesticides* (van Nostrand).

Colowick, S. P., and Kaplan, N. O., *Methods in enzymology* (vols. I-IV) (Academic Press).

Dixon, M., and Webb, E. C., *Enzymes* (Longmans).

394. Horticulture.

A course of about nine hours each week of lectures, practical work, demonstrations, and field trips for three terms covering:

Environmental factors affecting Horticultural crops.

The principles underlying such practices as, soil management, irrigation, frost control, crop regulation, harvest, storage, and pest control.

The physiology of growth cycles, bud development, growth and post-harvest behaviour of fruit.

Growth regulating substances, fungicides, and insecticides of importance in Horticulture.

The culture of the important Horticultural crops.

Horticultural research, extension, and legislation.

No text-books are required, but selected reading will be assigned.

The opportunity will be given for some original investigation of Horticultural problems.

395. Plant Pathology II.

A course of about nine hours a week for three terms covering:

(a) The classification and morphology of the fungi; ecology of pathogenic organisms; host-parasite relationships; plant diseases in Australia.

(b) A special project involving investigation of a disease of Australian importance, together with the study of relevant literature.

Text-books:

Bessey, E. A., *Morphology and taxonomy of fungi* (Blakiston).

Gaumann, E., *Principles of plant infection* (Crosby Lockwood).

Walker, J. C., *Plant pathology* (McGraw-Hill).

Reference books:

Bawden, F. C., *Plant viruses and virus diseases*, 3rd edition (Chronica Botanica).

Dickson, J. G., *Diseases of field crops* (McGraw-Hill).

Dowson, W. J., *Manual of bacterial plant pathogens*.

Fawcett, H. C., *Citrus diseases and their control*.

Garrett, S. D., *Root disease fungi* (Chronica Botanica).

Hambidge, G., *Hunger signs in crops* (Amer. Soc. Agronomy).

Large, E. C., *The advance of the fungi* (Alden Press).

Martin, H., *Scientific principles of plant protection*, 3rd edition (Longmans).

396. Entomology II.

A course of nine hours a week of lectures and practical work, of which three hours weekly shall be devoted to an individual project selected by the student in consultation with the Head of the Department.

The subject matter will comprise the following:

1. Advanced work on insect morphology, physiology, behaviour, development and classification; embryology; specialized life-histories.
2. Advanced ecology; factors influencing the survival and multiplication of insects; insects inhabiting specialized environments. Entomophagous insects; fungal, viral, bacterial, protozoan, and helminthic parasitism of insects.
3. Economic entomology; insects in relation to man, plants, and animals; economic significance; advanced work on insecticidal and biological control.
4. Arthropods other than insects: Crustacea, Myriapoda, Arachnida. The biology, classification, and economic relations of the Acarina.
5. A brief introduction to the history of entomology.

Reference Books: Those listed for Entomology I, and such books and papers as referred to during the course.

398. Practical Experience and Farm Demonstrations.

When enrolling for the course, each student is required to submit a statement of his previous experience, if any, in practical farming.

Students seeking to do practical work during any vacation at Roseworthy Agricultural College must advise the Principal of Roseworthy Agricultural College a fortnight before the commencement of the May or August vacation, and by the 15th November in the case of summer vacations.

In addition students in Agricultural Science are required in the third and fourth years of the course to attend organised tours of various agricultural areas of South Australia.

During the third year of the course, the day spent each week at Roseworthy Agricultural College will include two-three hours of demonstration of various farm practices.

ENGINEERING

401. Architectural Theory, Construction and Practice I.

Pre-requisite subject: Building Construction and Drawing I (421).

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout most of the exercises there is in view a co-ordination of the requirements of legislation and local practice of building construction. Exercises are worked in the checking of plans and specifications for compliance, and in the administration of the Act and regulations from the standpoint of the building surveyor.

In addition to the above, there are exercises in building construction, not necessarily related to the Building Act, which are of a more advanced nature than those undertaken in the subject Building Construction and Drawing II.

Text-book:

The Building Act, 1923-53 and Regulations.

Reference books:

As for Building Construction and Drawing I (421).

402. Architectural Theory, Construction and Practice II.

Pre-requisite subject: Architectural Design II; Architectural Design III should be taken concurrently.

PART A: Fine arts and aesthetics: A course of lectures and a series of visits to art collections in which a study is made of the elements common to all art: the means of expression; the bases of criticism; common terminology; appreciation. As a means of training the critical faculty a study is made of past theories and their practical effects, successes and failures.

Text-books:

Halliday, F. E., *Five arts* (Duckworth).

Robertson, H. M., *Principles of architectural composition* (Architectural Press).

Robertson, H. M., *Modern architectural design* (Architectural Press).

Newton, E., *European painting and sculpture*.

Reference books:

McMahon, A. P., *Art of enjoying art* (Whittlesey House).

Scott, G., *Architecture of humanism* (Constable).

Clark, K., *Gothic revival* (Constable).

Read, H., *The meaning of art*.

Towndrow, F. E., *Architecture in the balance* (Chatto and Windus).

Malraux, Andre, *The voices of silence*.

Mumford, L., *Art and technics*.

PART B: History of furniture design: A course of lectures on the development and design of English furniture, with visits to collections.

Text-book:

Gottshall, F. H., *How to design period furniture* (Batsford).

Reference books:

Eberlein, H. D., and McClure, A., *Practical book of period furniture* (Lippincott).

Cotchett, L. E., *The evolution of furniture* (Batsford).

PART C: Historical development of planning: historical survey as a preliminary to planning. Ancient planning in Egypt, Mesopotamia, etc. Greek, Hellenistic and Roman planning. Mediaeval planning—the development of mediaeval towns and bastides. The Renaissance—the rise and design of the Renaissance towns. The Industrial Revolution and modern tendencies—forms and growth of transport, ideal towns and the impact of social reform. Planning in the Australian colonies—early planners and influences from abroad.

Text-book:

Abercrombie, Sir Patrick, *Town and country planning*.

Reference books:

Haverfield, F., *Ancient town planning*.

Tout, T. F., *Mediaeval town planning*.

Hughes and Lamborn, *Towns and town planning*.

Hackett, B., *Man, society and environment*.

Stewart, C., *A prospect of cities*.

Walkley, G., *Pioneer planning of British Colonies* (Proceedings of the R.G.S., S.A. Branch, Session 1954-55).

PART D: Sanitary science: A course of lectures on principles and practice of sanitation, sewerage and trade wastes, types of drain and drain laying, jointing methods, trenches and trench timbering, drain testing, cisterns and flushometers, water supply and storage, sewerage ejectors, traps, trap syphonage and protection, ventilation of drains and waste pipes, fittings and fixtures used in building, lay-out and design of sanitary plumbing installations.

PART E: Practical work: A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

403. Architectural Theory, Construction and Practice III.

Pre-requisite subject: Architectural Theory, Construction and Practice II.

PART A: Acoustics of buildings: General phenomena, geometrical investigation, reverberation, methods of using absorption materials, loudness and intelligibility, pitch and quality, musical sounds and partials, analysis of rooms for various purposes; transmission of sounds, noise reduction.

Text-book:

Knudsen and Harris, *Acoustical designing in architecture* (Wiley).

Reference book:

Bagenal, H., and Wood, Alex., *Planning for good acoustics* (Methuen).

PART B: Heating and ventilation: Standards of comfort, humidity, air movement, transfer of heat, coefficients, systems involved, pipe sizes, movement of air, evaporative cooling, conditioned air, duct sizes, systems involved, hot water supply, reticulation and equipment. The codes and regulations involved.

PART C: Electrical installations: General principles involved with demonstrations in the electrical laboratory; wiring systems, switchboards, equipment, illumination. Lifts, etc.: Traffic studies, capacities, types, methods of operation, safety devices, indicator systems, signalling systems. The codes and regulations involved.

PART D: Professional practice: The architect in his relation to client and to builder; the functions of the architect, consultants; office management; business relations; ethics; the R.A.I.A. code; the architect and the law; contract documents; R.A.I.A. conditions of contract; arbitration; architects' charges; dissection of services; R.A.I.A. scales of charges, competitions; R.A.I.A. control and requirements.

Reference books:

- Hudson, A. A., *Law of building and engineering contracts* (Sweet and Maxwell, or Law Book Co., Sydney).
 Creswell, H. B., *Honeywood file* (Architectural Press).
 Creswell, H. B., *Honeywood settlement* (Architectural Press).
 R.A.I.A. Year Book, *Standard documents*.
Time saver standards (Architectural Record).
 Eggleston, A. S., *The practising architect* (M.U.P.).

PART E: Town planning practice: A course of lectures and some practical exercises on the practice of town and country planning. The nature and purpose of planning. Survey and analysis. Land use. Zoning. Communications. Building developments. Population densities. Floor space index. The master or broad outline plan. The detail plan. Technique of presentation.

Text-book:

- Brown, A. J., and Sherrard, H. M., *Town and country planning*.

PART F: Practical work: A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Visits to buildings, complete or under construction. Estimating; examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

406. Architectural History I.

A course of lectures on the development of architecture: The architecture of Egypt, the two rivers, the Aegean, Greek, Roman, Early Christian, Byzantine and Mediaeval. Students must submit notebooks, sketches and drawings.

Text-books:

- Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

Books of reference:

- Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).
 Dinsmoor, W. B., and Anderson, Spiers, *The architecture of ancient Greece* (Batsford).
 Anderson, Spiers and Ashby, *The architecture of ancient Rome* (Batsford).
 Normand, C. P. J., *Parallel of the orders of architecture* (Tiranti).
 Jackson, Sir T. G., *Byzantine and Romanesque architecture* (Batsford).
 Jackson, Sir T. G., *Gothic architecture* (Batsford).
 Harvey, John, *The Gothic World, 1100-1600* (Batsford).

407. Architectural History II.

Pre-requisite subject: Architectural History I (406).

A continuation of the course of lectures on architectural development: the leading characteristics and history of the great styles of architecture; general knowledge of the principal masters and their works; a detailed study of Renaissance architecture in Italy, France and England up to 1850.

Students must submit notebooks, sketches and drawings, including measured drawings from local architecture, and sketching of architectural detail in the field.

Text-book:

- Fletcher, B. F., *History of architecture* (Batsford).

Books of reference:

- Richardson, A. E., and Corfiato, H. O., *The art of architecture* (Batsford).
 Anderson, W. G., and Stratton, *The architecture of the Renaissance in Italy* (Batsford).
 Ward, W. H., *Architecture of the Renaissance in France* (Batsford).
 Blomfield, R., *Short history of Renaissance architecture in England* (Bell).
 Letarouilly, P. M., *Student's Letarouilly illustrating the Renaissance in Rome*, ed. A. E. Richardson (Tiranti).

411. Architectural Design I.

Pre-requisite subjects: Architectural Drawing I (416), Free Drawing I (424), Architectural History I (406), and Building Construction and Drawing I (421).

An introduction to architectural design. The study of factors affecting design through consideration of basic types of building in simple form. Problems are related to the methods of building construction and draughting technique covered in parallel courses. Classes accompanied by lectures on principles and technique of design.

Books of reference:

- Robertson, H. M., *Principles of architectural composition*.
 Robertson, H. M., *Modern architectural design*.
 Richards, J. M., *Introduction to modern architecture*.

412. Architectural Design II.

Pre-requisite subjects: Architectural History I (406) and II (407), Architectural Design I (411), Building Construction and Drawing II (422), and Architectural Drawing II (417). Architectural Theory, Construction and Practice I (401) should be taken concurrently.

Study of building types of larger scale and complexity, or with requirements of a special nature; including introduction to modular design in multi-storey and multi-cellular buildings. Students embody in their designs principles laid down in Architectural Theory, Construction and Practice I. Introduction to the practice of working on group projects, and to simple town-planning studies. Classes accompanied by lectures on the development of Modern Architecture, its principles and methods.

Books of reference:

- Gropius, W., *The new architecture and the Bauhaus*.
 Giedion, S., *Space, time and architecture*.

413. Architectural Design III.

Pre-requisite subjects: Architectural Design II (412), Architectural Theory, Construction and Practice I (401). Architectural Theory, Construction and Practice II (402) should be taken concurrently.

A continuation of the course of study in Design II, including more advanced planning problems, places of entertainment, decoration and display technique, grouping of buildings, relationship to environment, and landscape architecture. Problems are related to the working-drawing and specification courses covered in Architectural Theory, Construction and Practice II.

Book of reference:

- Michaels, L., *Contemporary structure in architecture*.

416. Architectural Drawing I.

PART A: Proportionals; construction of plane figures; circles tangentially in contact with lines and circles; problems on areas of plane figures; the ellipse, parabola and hyperbola; Ionic volute, entasis, spirals and cycloids.

The orthographic projection of solids; sections and true shapes; conic sections; auxiliary plans and elevations; intersecting solids; spheres tangentially in contact; the helix.

Development by parallel line, radial line and triangulation; forms of projection.

The application of geometry to architectural draughtsmanship.

PART B: The theory and practice of Architectural perspective; division and measurement in perspective; angular and parallel perspective; the visual cone of rays; methods of projection; interior perspective; simple rendering from perspective projections. Isometric and axonometric projection.

Reference books:

- Holmes, J., *Applied perspective* (Pitman).
 Sierp, A. F., *Perspective projection* (Sands and McDougall).
 Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).
 Lee, L. A., and Reekie, R. K., *Descriptive geometry for architects and builders* (Arnold).

417. Architectural Drawing II.

Pre-requisite subjects: Architectural Drawing I (416) and Architectural History I (406).

PART A: In addition to the work set out in Architectural Drawing I, more advanced problems on the projection of points, lines and planes; the projection of the regular solids; sections on solids made by planes inclined to both planes of reference; more advanced problems on penetration and development by triangulation.

Orthographic projection of shadows; shadows of solids on oblique planes and curved surfaces; shadows of architectural forms.

Perspective projection of shadows with the sun in various positions; perspective reflections.

PART B: This work consists of a number of projects with the special object of training the student in rendering and presentation techniques as used in Architectural design.

Reference books:

Holmes, J. M., *Sciagraphy* (Pitman).

Magonigle, H., *Architectural rendering in wash* (Scribner).

Atkin, Corbelletti and Fiore, *Pencil techniques in modern design* (Reinhold).

Morgan, S. W., *Architectural drawing* (McGraw-Hill).

419. Architectural Thesis.

Pre-requisite subject: Architectural Design III. Structural design must be taken concurrently if not already passed.

Students comply with the R.A.I.A. testimonies of study requirements in architectural design and prepare an original design for a building costing not less than £250,000, submitting with it a report explaining the basis of the design, with references. The work is to be done as far as possible without assistance.

421. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints; timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).

Nangle, J., *Australian building practice* (Brooks).

Tulloch, *Details of Australian building construction* (Keating and Wood).

422. Building Construction and Drawing II.

Pre-requisite subject—Building Construction and Drawing I (421).

A continuation of the study of building construction and drawing with provisions similar to those set out in Building Construction and Drawing I.

Site requirements, excavations, foundations, shoring and underpinning, dangerous structure, joinery, fittings, glazing.

Insulation, water proofing and damp proofing, internal and external finishes, including plastering, painting, tiling.

Roofs, roofing materials and roof drainage, fire resisting construction.

Text and Reference books:

As for Building Construction and Drawing I.

424. Free Drawing I.

Lectures on lettering and layout, creative design and the theory of colour with practical exercises throughout the session. Drawing of architectural ornament in light and shade from the cast. Rendered studies in various media from still life. Outdoor sketching.

Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

Ostwald, W., *Colour science*, Vols. I, II and III (Windsor and Newton).

425. Free Drawing II.

Pre-requisite subject: Free Drawing I (424).

Extended use of ornament and colour. Architectural sketching in various media, and rendered outdoor studies of existing buildings or works of art in line wash and colour. Figure sketching.

Books of reference:

As for Free Drawing I.

431. Civil Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Strength of Materials (436).

A pass in Division I, or higher, in this subject is a pre-requisite for the course in Civil Engineering II.

A course of about 52 lectures dealing with the theory and design of structures. The course is mainly concerned with statically determinate cases of beams, frames, arches, and suspension cables. Simple cases of statically indeterminate beams and frames are considered. The course includes lectures on the design of simple structures, on foundations and retaining walls with some relevant elementary soil mechanics, together with lectures on concrete and reinforced concrete work.

Students also attend in the drawing office for one afternoon weekly throughout the year, and in the laboratory for a further nine sessions of three hours each.

Text-books:

Speedie, M. G., and O'Donnell, I. J., *Foundation methods* (Tait Book Co.).

Standards Association of Australia:

Code for use of structural steel in building, Interim 351.

Reference books:

Wilbur, J. B., and Norris, C. H., *Elementary structural analysis* (McGraw-Hill).

Sutherland, H., and Bowman, *Structural theory* (Wiley).

Gaylord, E. H. and C. N., *Design of steel structures* (McGraw-Hill).

Grinter, L. E., *Theory of modern steel structures* (Vols. I and II) (Macmillan).

Grinter, L. E., *Design of modern steel structures* (Macmillan).

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Sutherland, H., and Reese, W. W., *Introduction to reinforced concrete design*, 2nd edition (Wiley).

Urquhart, L. C., O'Rourke, C. E., and Winter, G., *Design of concrete structures*, 6th edition (McGraw-Hill).

Hansen, H. J., *Modern timber design* (Wiley).

Reece, P. O., *An introduction to the design of timber structures* (Spon).

432. Civil Engineering II.

PART A.—Pre-requisite subjects: Surveying I (437); Division I, passes or higher, in Civil Engineering I (431), and Hydraulics (434).

A course of about 80 lectures dealing with soil mechanics, surveying, hydraulics, water supply, transport engineering and harbour engineering.

Two sessions a week are required for practical work and seminars, each of three hours.

Text-books:

Clark, D., *Plane and geodetic surveying for engineers*, Vols. I and II (Constable).

Terzaghi, K. and Peck, R. B., *Soil mechanics in engineering practice* (Wiley).

Reference books:

Rouse, H., *Engineering hydraulics* (Wiley).

Terzaghi, K., *Theoretical soil mechanics* (Wiley).

Capper, P. L., and Cassie, W. F., *The mechanics of engineering soils* (Spon).

Hewes, L. J., and Oglesby, C. H., *Highway engineering* (Wiley).
 Rainsford, H. F., *Survey adjustments and least squares* (Constable).
 Reynolds, C. E., *Concrete construction* (Concrete Publications).
 Stephenson, H. W., *Solution of problems in surveying and field astronomy* (Pitman).

PART B.—Pre-requisite subject: A pass in Division I, or higher, in Civil Engineering I (431).

A course of about 50 lectures dealing with the theory and design of structures.

Students must undertake the design of selected engineering subjects and may be required to attend seminars.

Text-books:

Grinter, L. E., *Theory of modern steel structures*, Vol. II (Macmillan).
 Pippard, A. J. S., and Baker, J. F., *Analysis of engineering structures*, 2nd edition (Arnold).

PART C.—Students will be required to submit a report on a project of an experimental nature conducted during the year.

Part C must be taken concurrently with Part A.

434. Hydraulics.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207).

A pass in Division I, or higher, in this subject is pre-requisite for the courses in Civil Engineering II, Part A, and Mechanical Engineering II, Part A.

The course is introduced with the elements of fundamental flow studies. Flow under various conditions is considered and laws developed. Applications of such laws to flow through orifices, over weirs, along pipe lines and open channels are given by the Civil Engineering Department. The principles governing the design for one dimensional flow through water wheels, turbines and centrifugal pumps are given by the Mechanical Engineering Department.

These subjects are covered in a course of about thirty lectures. Practical work in the laboratory is completed in nine sessions.

Text-book:

Rouse, H., *Elementary mechanics of fluids* (Wiley).

Reference books:

Prand, H. L., *Fluid dynamics* (Blackie).
 Rouse, H. (Ed.), *Engineering hydraulics* (Wiley).
 Streeter, V., *Fluid mechanics* (McGraw-Hill).
 Jameson, A. H., *Introduction to fluid mechanics* (Longmans)

435. Structural Design.

Pre-requisite subject: Civil Engineering I (431).

Students attend on three afternoons a week throughout the year and undertake the complete design of selected engineering structures. They are required also to attend certain lectures in Civil Engineering II, Part B, as directed.

Students will be assessed on the work of the year, but in addition may be required to pass a practical examination in design.

436. Strength of Materials.

Subjects to be taken concurrently, if not already passed: Pure Mathematics IIA (204), and Applied Mathematics I (207).

Students are required to undergo a course of experimental work on the testing and mechanics of materials and to complete the work prescribed in the drawing office.

The lectures deal with the following:

Stress and strain; normal and shear stress; Hooke's law. Mechanical properties of materials; testing of materials.

The strength and stiffness of beams; bending moment and shear force diagrams; moments of resistance; distribution of shearing stresses; built-up beams; bending not in plane of symmetry; bending not in plane of principal axes.

Riveted and welded joints.

Simple framed structures.

Combined stresses; plane stresses; principal stresses; theories of failure.

Deflections of beams; beams with fixed ends; continuous beams. Plate girders.

Reinforced concrete beams.

Columns and struts; combined bending and axial loading of short columns; centrally and eccentrically loaded long columns.

Torsion of round shafts; combined bending and twisting.

Cylinders subjected to internal and external pressures.

Curved beams; strain energy.

Elements of experimental stress analysis; stress concentration.

Text-book:

Timoshenko, S., and McCullough, G. H., *Elements of strength of materials* (Van Nostrand).

Reference books:

Seeley, F. B., and Smith, J. O., *Resistance of materials* (Wiley).

Shanley, F. R., *Strength of materials* (McGraw-Hill).

437. Surveying I.

Pre-requisite subject: A pass in Division I, or higher, in General Mathematics (201).

Instruments and their adjustments; linear measurements; chain surveying; compass surveying; theodolite surveying; plane table surveying; tachometrical surveying; levelling; contouring; setting out curves; field notes; computations; plotting.

Three hours a week will be occupied in office and field work.

Candidates must comply with the requirements of a Survey Camp (439) before being credited with this subject.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

Students should provide themselves with six or seven-figure logarithmic tables, such as Chambers's *Shorter six-figure mathematical tables*, or Chambers's *Seven-figure mathematical tables*.

438. Surveying IB.

Pre-requisite subject: A pass in Division I, or higher, in General Mathematics (201) and a pass in Engineering Drawing I (481).

A short course consisting of one lecture and three hours' drawing office work a week for one term, comprising elementary treatment of the principles of surveying, map interpretation, and earthwork computations, etc., required in connection with the siting of industrial plants.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable).

Reference book:

McPherson, D. H., and Ray, P. N., *Surveying solutions to B.Sc. (Eng.) exam. questions London University* (Macdonald).

439. Survey Camp (First).

Students must attend lectures and practical classes in Surveying I (437) before attending a survey camp.

A field camp extending over about three weeks is held each year in the long vacation. A camp fee of £6 6s. is charged. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students must complete survey plans from data obtained at the camp, and submit such plans with field notes, etc., for inspection by a date fixed by the lecturer-in-charge. The survey plans form part of the work of the camp, and must be approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the first term of the following year.

Entry for the camp should be made before the end of second term.

440. Survey Camp (Second).

This camp is for Civil Engineering students who normally attend in the final year of the course.

The camp is of about three weeks' duration, and is held during a vacation. The camp fee is £6 6s. Quarters and stretchers are provided, but students must arrange for their own transportation and bedding and subscribe funds necessary for the provision and preparation of meals. Students must comply with all regulations dealing with conduct in camp.

Students carry out more advanced exercises in surveying. Field note books together with all necessary computations and plans must be submitted and approved before attendance at the camp can be credited.

A candidate whose work at the camp is considered by the lecturer-in-charge not to be satisfactory may be required to do additional practical work in the term following the camp.

Entry for the camp should be made before the end of first term.

441. Electrical Engineering I.

Pre-requisite subjects: Engineering Physics (222), or Physical and Inorganic Chemistry IIA (234), Pure Mathematics IIA (204), Applied Mathematics I (207).

The course consists of an introductory series of lectures in Electrical Engineering and is divided into two parts, A and B. The subject matter of the course covers the fundamental aspects of both power (Part A) and electronic (Part B) engineering, as required by students taking Electrical, Mechanical and Civil Engineering courses.

A Division I pass, or higher, in this subject is pre-requisite for the course in Electrical Engineering II (442).

(Note.—Mining, Metallurgical and Chemical Engineering students take Part A of the course only.)

PART A

Two lectures a week throughout the year.

Units, D.C. and A.C. measuring instruments, bridge and potentiometer methods of measurement; illumination, types of incandescent and discharge lamps, magnetic circuit theory, electromagnets; D.C. machines; A.C. circuits in steady state, three-phase systems, elementary theory of transformers, alternators, induction motors, synchronous motors, commutator motors, single-phase motors, rectifiers and rotary converters, transmission and distribution of A.C. and D.C. power, switchgear, protection; brief course in safety and rating features of wiring regulations.

PRACTICAL: Three hours' practical work a week for two terms only, comprising a series of experiments and exercises designed to illustrate the subject matter of the lectures.

Text-books:

Hirst, A. W., *Applied electricity* (Blackie).

Standards Association of Australia, *Wiring rules, Part I.*

B.S.S. No. 205, *Glossary of terms, electrical engineering.*

Reference books:

Cotton, H., *Electrical technology* (Pitman).

Powel, C. A., *Principles of electric utility engineering* (Wiley).

Hehre, F. W., and Harness, G. T., *Electrical circuits and machinery*, Vols. I and II (Wiley).

*Langsdorf, A. S., *Principles of direct current machines* (McGraw-Hill).

*Lawrence, R. R., and Richards, H. E., *Principles of alternating current machines* (McGraw-Hill).

*Electrical Engineering students—advised to purchase.

Tools: Screwdriver, pliers.

PART B

One lecture a week throughout the year.

Principles of hard and soft valves, amplification, rectification, feedback, oscillation, the cathode ray tube and its application, electronic instruments, introduction to servomechanism.

PRACTICAL

Three hours' practical work a week for one term only.

Text-books:

Ryder, J. D., *Engineering electronics—with industrial applications and control*, 1957 (McGraw-Hill) (suitable for non-electrical engineering students).

M.I.T. Staff, *Applied electronics*. (For Electrical Engineering students only.)

Radiotron valve data book (Amalgamated Wireless Valve Technical Series R.V.2).

Reference books:

Seely, S., *Electron tube circuits* (McGraw-Hill).

Harvard University, Cruft Laboratory. Electronics Training Staff, *Electronic circuits and tubes* (McGraw-Hill).

Tools: Screwdriver, pliers, electric soldering iron.

442. Electrical Engineering II.

Pre-requisite subjects: A Division I pass, or higher, in Electrical Engineering I (441); Applied Mathematics IIA (210); Strength of Materials (436).

Three lectures a week throughout the year.

This course comprises: (a) One lecture a week devoted to electrical power, including transformers, machines, simple transmission and distribution systems and symmetrical components; (b) One lecture a week devoted to electronics, including a further development of amplifier theory, modulation, detection and feedback. An elementary treatment of network theory, filters and transmission lines; (c) One lecture a week devoted to automatic control with special emphasis on servomechanisms. In addition to the general theory, the course will include transducers, electro-mechanical analogies, magnetic amplifiers and servomotors.

PRACTICAL: Practical work of five hours a week will be arranged to illustrate the above course, accompanied by appropriate lectures on techniques of measurements.

Text-books:

Johnson, W. C., *Transmission lines and networks* (McGraw-Hill) or

Stewart, J. L., *Circuit analysis of transmission lines* (Wiley, 1958).

M.I.T. Staff, *Electric circuits* (Wiley).

Seely, S., *Electron tube circuits* (McGraw-Hill).

Jaeger, J. C., *Introduction to the Laplace transformation* (Methuen).

Fitzgerald, A. E., Kingsley, C., *Electric machinery* (McGraw-Hill).

Parker-Smith, S., *Problems in electrical engineering* (Constable).

Starr, A. T., *Generation, transmission and utilisation of electrical power* (Pitman).

Harris, F. K., *Electrical measurements* (Wiley).

Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

Stewart, J. L., *Circuit theory and design* (Wiley, 1956).

Reference books:

Everitt, W. L., *Communication engineering* (McGraw-Hill).

Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).

King, R. W. P., Minno, Wing, *Transmission lines, antennas and wave guides* (McGraw-Hill).

Stevenson, W. D., *Elements of power system analysis* (McGraw-Hill).

Westinghouse Electric Manufacturing Co., *Electrical transmission and distribution reference book*.

Golding, E. W., *Electrical measurements and measuring instruments* (Pitman).

- Langsdorf, A. S., *Principles of D.C. machines* (McGraw-Hill).
 Lawrence, R. R., and Richards, H. E., *Principles of A.C. machinery* (McGraw-Hill).
 Barlow, H. M., and Cullen, A. L., *Microwave measurements* (Constable).
 Shea, R. F., *Principles of transistor circuits* (Wiley).
 Laws, F. A., *Electrical measurements* (McGraw-Hill).
 Lauer, H., Lesnick, R., Matson, L. E., *Servomechanism fundamentals* (McGraw-Hill).
 Brown, G. S., Campbell, D. P., *Principles of servomechanisms* (Wiley).
 Wagner, C. F., Evans, R. D., *Symmetrical components* (McGraw-Hill).
 Terman, F. E., and Pettit, J. M., *Electronic measurements* (McGraw-Hill).
 Chance, B., *et al.*, *Wave forms* (McGraw-Hill).
 Chestnut, H., Mayer, R. W., *Servomechanisms and regulating system design* (2 vols.) (Wiley).

Additional references will be given during the course.

443. Electrical Engineering III.

Pre-requisite subject: Electrical Engineering II (442).

The course is divided as follows:

Part A—Electrical Engineering Theory.

Part B—*Either* Electrical Power *or* Electronics and Communications.

ELECTRICAL ENGINEERING THEORY

Two lectures a week throughout the year.

Laplace and Fourier transforms and transient studies. More advanced treatment of feedback control systems and topics from analogue and digital computers. Acoustics and electromechanical analogues, X-rays, betatrons, geiger counters and a general treatment of power rectifiers.

ELECTRICAL POWER

Three lectures a week throughout the year.

Practical and project work twelve hours a week throughout the year.

Specialist lectures, seminars and project work for one hour a week throughout the academic year.

A more advanced study of the subject matter of Electrical Engineering I and Electrical Engineering II, and in addition, an advanced course in electrical measurements, circuit analysis, transformers, rotating machines and rectifiers; also power system studies, including stability and protection.

ELECTRONICS AND COMMUNICATIONS

Three lectures a week throughout the year.

Practical and project work of twelve hours a week throughout the year.

Specialist lectures, seminars and project work for one hour a week throughout the academic year.

A survey of units, field studies, network synthesis, electro-magnetic theory, electron mechanics, communication theory.

A more advanced treatment of the subject matter of Electrical Engineering I and II and in addition, an advanced course in circuit theory, filters, transmission lines, wave-guides, and aerial systems; amplifiers; modulation and demodulation; relative efficiency of A.M., F.M., S.S.B., and pulse for communications; selection of topics from C.R.O. technique, radar and television engineering, measurements, applied acoustics.

SPECIALIST LECTURES AND SEMINARS

During the year, students are required to attend specialist lectures given by practising engineers who are invited from industry, public utilities and Government establishments.

Text-books:

- Books recommended for Electrical Engineering II, together with—
 Mortlock, J. R., Davies, M. W. H., *Power system analysis* (Chapman and Hall).
 Rissik, H., *Power system interconnection* (Pitman).
 Young, H. P., *Electric power system control* (Chapman and Hall).
 Kuhlmann, J. H., *Design of electrical apparatus* (Wiley).
 Fitzgerald, A. E., Kingsley, C., *Electric machinery* (McGraw-Hill).
 Truxal, J. G., *Automatic feedback control system synthesis* (McGraw-Hill).
 Starr, A. T., *Electric circuits and wave filters* (Pitman).
 Jackson, W., *High frequency transmission lines* (Methuen).
 Bruel, P. V., *Sound insulation and room acoustics* (Chapman and Hall).
 Terman, F. E., *Radio engineers' handbook* (McGraw-Hill).
 Cherry, E. C., *Pulses and transients in communication circuits* (Chapman and Hall).
 Evans, W. R., *Control system dynamics* (McGraw-Hill).
 Richards, R. K., *Arithmetic operations in digital computers* (Van Nostrand).
 Johnson, C. L., *Analogue computer techniques* (McGraw-Hill).
 Stewart, J. L., *Circuit theory and design* (Wiley).

Reference books:

- Books recommended for Electrical Engineering II, together with—
 Carr, T. H., *Electrical power stations* (Chapman and Hall).
 Crary, S. B., *Power system stability*, Vols. 1 and 2 (Wiley).
 Langsdorf, A. S., *Theory of alternating current machinery* (McGraw-Hill).
 Bewley, L. V., *Travelling waves on transmission systems* (Wiley).
 Stigant, S. A., Lacey, H. M., *The J. & P. transformer book* (Johnson and Phillips).
 Davies, O. L., *Statistical methods in research and production* (Oliver and Boyd).
 Craggs, J. D., Meek, J. M., *High voltage laboratory technique* (Butterworth).
 Knowlton, A. E., *Standard handbook for electrical engineers for calculation and design work* (McGraw-Hill).
 Kaufmann, M., *Protective gear handbook* (Pitman).
 Ragan, G. L., *Microwave transmission circuits* (McGraw-Hill).
 M.I.T. Radar School, *Principles of radar* (McGraw-Hill).
 Rissik, H., *The fundamental theory of arc convertors* (Chapman and Hall).
 Goldman, S., *Frequency analysis, modulation and noise* (McGraw-Hill).
 Starr, A. T., *Radio and radar techniques* (Pitman).
 Valley, G. E., and Wallman, H., *Vacuum tube amplifiers* (McGraw-Hill).
 Additional references will be given during the year.

444. Electrical Engineering Project.

Part A: *Seminar*—Students will be required to prepare a written paper on an approved topic and deliver it as a paper.

Part B: *Experimental Investigation*—Commencing in the second term, each student will be given a project to carry out. This will involve a theoretical survey, the design, development and testing of equipment, and a report. Reports must be submitted before the end of the calendar year.

451. Mechanical Engineering I.

Pre-requisite subjects: Pure Mathematics IIA (204), Applied Mathematics I (207), Engineering Physics (222) or Inorganic and Physical Chemistry IIA (234), Strength of Materials (436), Engineering Drawing II (482).

PART A.

For all engineering students. An introductory course in applied thermodynamics, theory of machines and machine design, including about 60 lectures, 54 hours on laboratory work, and 54 hours on drawing office work.

A Division I pass, or higher, is pre-requisite for students proceeding to Mechanical Engineering II.

APPLIED THERMODYNAMICS I.—An introductory treatment of fuels and combustion, thermodynamics of working fluids, air compressors, internal combustion engines, gas turbines, steam engines and turbines, boilers, condensers and other heat exchangers, refrigeration, and the performance of prime-movers.

Text-books:

Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).

Lee, J. F., and Sears, F. W., *Thermodynamics* (Addison-Wesley).

Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

Grundy, R. H., *Theory and practice of heat engines* (Longmans).

Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).

Faires, V. M., *Theory and practice of heat engines* (Macmillan).

THEORY OF MACHINES I.—An introductory treatment of kinematics and kinetics, including certain aspects of kinematic chains and simple mechanisms, inversions, lower and higher pairing, centrodes, velocity and acceleration diagrams, straight-line motions, universal couplings, friction, rope and belt drives, toothed gearing, cams, computing mechanisms, synthesis, equilibrium in machines, control, balancing and vibrations.

Text-book:

Mabie, H. H., and Ocvirk, F. W., *Mechanism and dynamics of machinery*,
or

Bevan, T., *Theory of machines* (Longmans).

MACHINE DESIGN I.—A course of lectures and drawing office work in the design and drawing of machine members and simple power transmission systems with emphasis on design, including design economics and procedure, drawing office practice, materials and their applications, manufacturing processes, combined stress and theories of failure, fatigue and creep, factors of safety and design stresses, shafts under combined stress, bearings and lubrication, couplings and clutches, belt, chain and rope drives, introduction to toothed gearing design, hoisting gear, springs and fly-wheels.

Text-books:

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan).

B.S. 436: 1940, *Machine cut gears. A. Helical and straight spur*.

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International Text Book Co.).

Black, P., *Machine design* (McGraw-Hill).

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).

Batelle Memorial Institute, *Prevention of failure of metals under repeated stress* (Wiley).

Machinery's handbook (Ind. pr.).

British standards handbook No. 2 (1953): *Workshop practice*.

Standard Specifications and Codes.

PART B.

A supplementary course for students proceeding to Mechanical Engineering II. This course consists of 27 lectures and 54 hours of practical work in Fluid Mechanics, Thermodynamics and Theory of Machines.

452. Mechanical Engineering II.

Pre-requisite subjects: A Division I pass, or higher, in Hydraulics (434); a Division I pass, or higher, in Mechanical Engineering I (Part A); Mechanical Engineering I (Part B); Electrical Engineering (Part A and Part B).

An advanced course in applied thermodynamics, fluid mechanics, theory of machines and machine design. The course is covered by about seven lectures and two hours' seminar a week, together with two three-hour laboratory or project periods and two three-hour drawing office sessions a week.

The course is divided into two parts for the convenience of part-time students. All work in each part must normally be completed in one academic year. The subdivision is as follows:

Part A—Applied Thermodynamics II.

Fluid Mechanics.

Part B—Theory of Machines II.

Machine Design II.

APPLIED THERMODYNAMICS II.—A course of lectures and practical work in applied thermodynamics including advanced thermodynamics of fluids with application to internal combustion engines, gas turbines, steam turbines, refrigeration, psychrometry and air conditioning, compressed air; fuels and combustion; heat transmission with application to boilers, condensers, and other heat exchangers; performance of power plant.

Text-books:

- Rogers, G. F. C., and Mayhew, Y. R., *Engineering thermodynamics, work and heat transfer* (Longmans).
 Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).
 Obert, E. F., *Internal combustion engines* (International Text-book).
 Jakob, M., and Hawkins, G. A., *Elements of heat transfer* (Wiley).

Reference books:

- Schmidt, E., *Thermodynamics* (Oxford Clarendon Press).
 Wrangham, D. A., *The theory and practice of heat engines* (C.U.P.).
 Pye, D. R., *Internal combustion engine*, Vols. I and II (O.U.P.).
 Jennings, B. H., and Rogers, W. L., *Gas turbine analysis and practice* (McGraw-Hill).
 Stodola, A., *Steam turbines* (Van Nostrand).
 Kearton, W. J., *Steam turbine theory and practice* (Pitman).
 Bosworth, R. C. L., *Heat transfer phenomena* (Associated General Publications).
 McAdams, W. H., *Heat transmission* (McGraw-Hill).
 Sparks, N. R., *Theory of mechanical refrigeration* (McGraw-Hill).
 Raber, B. F., and Hutchinson, F. W., *Refrigeration and air conditioning engineering* (Wiley).

FLUID MECHANICS.—A course of lectures and practical work in the essentials of fluid dynamics, including: perfect fluid theory; the flow of incompressible and compressible fluids both viscous and inviscid; the theory and design of pumps, compressors, fans, propellers and turbines; dimensional analysis and the theory and use of models; measurements in fluids.

Text-books:

- Hunsaker and Rightmire, *Engineering applications of fluid mechanics* (McGraw-Hill).
 Shepherd, D. G., *Principles of turbomachinery* (Macmillan).
 Cohen, B. H., and Rogers, G., *Gas turbine theory* (Longmans).

Reference Books:

- Nelson, W. C., *Airplane propeller principles* (Wiley).
 Ower, E., *Measurement of air flow* (Chapman and Hall).
 Goldstein, *Modern developments in fluid dynamics* (O.U.P.).
 Barna, *Fluid mechanics for engineers* (Butterworth).
 Wislicenus, *Fluid mechanics of turbo-machinery* (McGraw-Hill).
 Binder, R. C., *Advanced fluid mechanics*, Vols. 1 and 2 (Prentice-Hall).
 Prandtl, L., *The essentials of fluid dynamics* (Blackie).
 Bairstow, L., *Applied aerodynamics* (Longmans).
 Liepmann and Puckett, *Aerodynamics of a compressible fluid* (Wiley).
 Kovats and Desmur, *Pumps, fans and compressors* (Blackie).
 Addison, H., *Centrifugal and other rotodynamic pumps* (Chapman and Hall).
 Stepanoff, A. J., *Centrifugal and axial flow pumps* (Wiley).
 Bunt, E. A., *Applications of fluid mechanics* (Witwatersrand U.P.).
 Roxbee Cox, H., *Gas turbine principles and practice* (Newnes).
 Langhaar, H. L., *Dimensional analysis and theory of models* (Wiley).

THEORY OF MACHINES II.—A course in advanced dynamics including advanced aspects of cams and gearing; the dynamics of engine and shaft; balancing; mechanical vibrations including measurements, isolation, damping, dynamic absorbers, vehicle springing, critical speeds; instruments, automatic control, computing machines; acoustics and noise control.

Text-books:

As for Theory of Machines I, together with
 Den Hartog, J. P., *Mechanical vibrations* (McGraw-Hill), or
 Thomson, W. T., *Mechanical vibrations* (Allen and Unwin), or
 Freberg, C. R., and Kemler, E. N., *Elements of mechanical vibrations*
 (Wiley), or
 Church, A. H., *Mechanical vibrations* (Wiley).

Reference books:

Hartman, J. B., *Dynamics of machinery* (McGraw-Hill).
 Dalby, W. E., *Balancing of engines* (Arnold).
 Myklestad, N. O., *Vibration analysis* (McGraw-Hill).
 Macduff and Curreri, *Vibration control* (McGraw-Hill).
 Burton, R., *Vibration and impact*.
 Tuplin, W. A., *Vibration in machinery* (Pitman).
 Johnson, W. C., *Mathematical and physical principles of engineering analysis* (McGraw-Hill).
 Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw-Hill).
 Macmillan, R. H., *An introduction to the theory of control* (C.U.P.).
 Eckman, D. P., *Automatic process control* (Wiley).
 Harris, C. M., *Handbook of noise control* (McGraw-Hill).

MACHINE DESIGN II.—A course of lectures and drawing office work on advanced aspects of the design of machine members and mechanical assemblies including treatments of various types of gears, lubrication and bearing design; reciprocating engine components; mathematical and experimental stress analysis, fatigue, creep; design for high speed operation; curved beam theory; the economics of product design and design in relation to manufacturing method.

The work includes the design of a mechanism and of a small project involving thermodynamics or fluid mechanics.

Text-books:

As for Theory of Machines I and II and Heat Engines I and II, together with
 Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International), or
 Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).

Reference books:

As for Machine Design I, together with the following:
 Heldt, P. M., *High speed combustion engines* (Heldt).
 Maleev, V. L., *Internal combustion engines* (McGraw-Hill).
 Lichty, L. C., *Internal combustion engines* (McGraw-Hill).
 Walshaw, T. D., *Diesel engine design* (Newnes).
 Purday, H. F. P., *Diesel engine design* (Constable).
 Shepherd, H. F., *Diesel engine design* (Wiley).
 Heldt, P. M., *High speed diesel engines* (Heldt).
 Kearton, W. J., *Steam turbine theory and practice* (Pitman).
 Ripper, W., *Ripper's steam engine*, 8th edition, written and enlarged by W. J. Goudie (Longmans, 1932).
 Timoshenko, S., *Strength of materials*, Vols. 1 and 2 (Van Nostrand).
 Roark, R. J., *Formulae for stress and strain* (McGraw-Hill).
 Symposium, *The failure of metals by fatigue* (M.U.P.).
 Cazaud, R., *Fatigue of metals*, tr. by Fenner (Chapman and Hall).
 Marin, J., *Mechanical properties of materials and design* (McGraw-Hill).
 Moore, H. F., *Text-book of the materials of engineering* (McGraw-Hill).
 Sully, A. H., *Metallic creep* (Butterworth).
 Frocht, M. M., *Photoelasticity* (Wiley).
 Hendry, A. E., *Introduction to photoelasticity* (Blackie).
 Wahl, A. M., *Mechanical springs* (Penton).
 Steeds, W., *Involute gears* (Longmans).
 Merritt, H. E., *Gears* (Pitman).
 Buckingham, E., *Analytical mechanics of gears* (McGraw-Hill).
 Buckingham, E., *Spur gears* (McGraw-Hill).
 Norton, A. E., *Lubrication* (McGraw-Hill).

- Shaw, M. C., and Macks, E. F., *Analysis and lubrication of bearings* (McGraw-Hill).
 Hersey, M. D., *Theory of lubrication* (Wiley).
 Chase, H. H., *Handbook of designing for quantity production* (McGraw-Hill).
 Steeds, W., *Engineering materials, machine tools and processes* (Longmans).

461. Process Engineering I.

Pre-requisite subject: Chemistry I (231) and Physics I (221).

Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts; approximately 27 lectures are devoted to unit operations (including mineral dressing), 21 lectures to unit processes (chemical-inorganic and organic), and 15 lectures to unit processes (metallurgical-extractive).

Reference books:

- Shreve, R. N., *Chemical process industries*, 2nd edition (McGraw-Hill, 1956).
 Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).
 Riegel, E. R., *Chemical machinery* (Reinhold, 1944).
 Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).
 Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. 1 (McGraw-Hill, 1945).
 Brown, G. G., *Unit operations* (Wiley, 1950).

462. Process Engineering II.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Engineering I.

The work is divided into three parts.

A. UNIT OPERATIONS I.

Lectures: Two hours a week throughout the year dealing with the theory of errors; sampling, laboratory sizing, solids handling; fluid mechanics as applied to the motion of solids through fluids (an introduction to gravity separation) and fluids through pipes; flow measurement, pumping; fluid flow through porous media, filtration, fluidization; elementary heat and mass transfer.

Practical work: Three hours a week throughout the year, alternate weeks being devoted to problems arising out of the lectures and to quantitative laboratory (bench scale) work designed to illustrate the principles of unit operations.

Text-books:

- Brown, G. G., *Unit operations* (Wiley, 1950).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).

Reference Books:

- Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

B. UNIT PROCESSES I.

Lectures: Two hours a week throughout the year, devoted to the application of reaction kinetics, phase and reaction equilibria to chemical and metallurgical unit processes.

Practical work: Three hours a week throughout the year of quantitative laboratory work (bench scale) designed to illustrate the principles of chemical and metallurgical processes.

Reference Books:

- Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).
 Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).
 Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).
 Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).
 Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vols. I and II (McGraw-Hill, 1945).
 Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I, II and III (Wiley).
 van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).
 Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).
 Schuhmann, R., *Metallurgical engineering*, Vol. I (Addison-Wesley, 1952).
 Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).
 Darken, L. S., and Gurry, W. G., *Physical chemistry of metals* (McGraw-Hill, 1953).
 Kubaschewski, O., and Evans, E. LL., *Metallurgical thermochemistry* (Pergamon Press, 1955).
 Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).

C. INDUSTRIAL ECONOMICS I.

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference books:

- Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).
 Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).
 Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

463. Process Engineering III.

Pre-requisite subjects: Applied Physical Chemistry (467), Process Engineering II (462), Engineering Drawing II (482).

The work is divided into four parts.

A. UNIT OPERATIONS II.

Lectures: Two hours a week throughout the year devoted to an advanced treatment of heat transfer, mass transfer, and simultaneous mass and energy transfer.

Tutorials: One to three hours a week. Problems studied are of a practical nature, but involve the application of fundamental principles rather than the use of handbooks.

Practical work: Eight hours a fortnight. Experiments carried out are designed to show the effect of changes in physical variables on mass and energy transfer.

Text-books:

- Brown, G. G., *Unit operations* (Wiley, 1950).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 Coulson, J. M., and Richardson, J. T., *Chemical engineering*, Vols. I and II (Pergamon Press, 1954).

Reference books:

- Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 McAdams, W. H., *Heat transmission*, 3rd edition (McGraw-Hill).
 Robinson, C. S., and Gilliland, E. R., *Elements of fractional distillation*, 4th edition (McGraw-Hill).
 Treybal, R. E., *Liquid extraction* (McGraw-Hill, 1951).
 Sherwood, T. K., and Pigford, R. L., *Absorption and extraction* (McGraw-Hill, 1952).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1956).

B. UNIT PROCESSES II.

Lectures: One hour a week throughout the year dealing with the quantitative analysis and design of selected chemical and metallurgical processes in which plant performance is studied on the basis of fundamental physico-chemical principles.

Practical work: Three hours a week, the major part of the course being devoted to a project.

Text-books:

- Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).
 Hopkins, D. W., *Physical chemistry and metal extraction* (Garner Miller, 1954).

Reference books:

As for 462, Process Engineering II, B. Unit Processes I.

C. INDUSTRIAL ECONOMICS II.

Lectures: A seminar of two hours a week will be conducted throughout the year dealing with the technical and economic issues involved in the initiation, development, establishment and control of industrial enterprises. The treatment will include research, patents, market surveys, plant location, process development (material, energy and economic balances), the selection and purchase of equipment, plant design and layout, plant control and operation, cost estimates, costing methods and cost control, the structure of industry, financial control (balance sheets, P. & L. statements), works organisation and management (including industrial relations).

Reference books:

- Tyler, C., *Chemical engineering economics*, 3rd edition (McGraw-Hill).
 Vilbrandt, F. C., *Chemical engineering plant design*, 2nd edition (McGraw-Hill).
 Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).
 Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).
 Tiffin, J., *Industrial psychology* (Prentice-Hall, 1947).
 Bichowsky, *Industrial research* (Chem. Pub. Co., 1942).
 Fed. British Industries, *Industry and research*, Conference (Pitman, 1946).
 Walker, H. N., *Australian patents* (Law Book Co. of Aust., 1949).
 Yoder, Dale, *Personnel management and industrial relations* (Prentice-Hall, 1944).
 Furnas, C. C., *Research in industry* (Van Nostrand, 1948).
 Lester, B., *Sales engineering* (Wiley, 1944).
 Bethel, Atwater, Smith and Stackman, *Industrial organisation and management* (McGraw-Hill, 1950).
 Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).
 Laird, D. A. and E. C., *The technique of handling people* (McGraw-Hill, 1954).
 Perry, John, *Human relations in small industry* (McGraw-Hill, 1954).
 Jordan, D. G., *Chemical pilot plant practice* (Inter Science, 1955).
 Happel, J., *Chemical process economics* (Wiley, 1958).
 Woodson, W. E., *Human engineering guide for equipment designers* (California U.P., 1957).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).

D. PLANT DESIGN.

Twelve hours a week throughout the year spent in the design of a metallurgical or chemical plant. This project involves the study of a selected process, preparation of flow sheets, design and detailed drawing of selected plant items, and drawing of plant lay-out.

Reference books:

- Perry, J. H., *Chemical engineers' handbook*, 3rd edition (McGraw-Hill).
 Rase, H. F., and Barrow, M. H., *Project engineering of process plants* (Wiley, 1957).
 Vilbrandt, F. C., *Chemical engineering plant design*, 3rd edition (McGraw-Hill).
 Rhodes, F. H., *Technical report writing* (McGraw-Hill, 1941).
 Sypherd, W. O., Fountain, A. M., and Brown, S., *The engineer's manual of English* (Scott, Foreman, 1943).
 Kern, D. Q., *Process heat transfer* (McGraw-Hill, 1950).
 Clarke, L., *Manual for process engineering calculations* (McGraw-Hill, 1947).

464. Automatic Process Control.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234) or Engineering Physics (222), or Physics I (223).

Lectures: One hour a week throughout the year, providing an introduction to the subject of industrial instrumentation and to automatic process control; in general, emphasis is laid on the fundamental principles involved rather than on the practical form of the mechanism. The subject matter of the lectures deals with the means used for making measurements, the characteristics of systems and circuits used, the forms of control and control elements involved, and the theory and application of automatic controls in the chemical process industries.

Practical Work: Three hours a week throughout the year devoted to a course of experiments designed to exhibit the characteristics of various types of industrially-used instruments and their fields of application as indicators, recorders, and controllers, and to demonstrate the effect of various process characteristics on automatic process control.

Text-books:

- Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).
 Ceaglske, N. H., *Automatic process control for chemical engineers* (Wiley, 1956).

Reference books:

- Eckman, D. P., *Industrial instrumentation* (Wiley, 1950).
 Farrington, G. H., *Fundamentals of automatic control* (Wiley, 1951).
 Rhodes, T. J., *Industrial instruments for measurement and control* (McGraw-Hill, 1941).
 Young, A. J., *An introduction to automatic process control system design* (Longmans, 1956).

466. Ore Dressing.

Pre-requisite subjects: Geology I (251) and either Physical and Inorganic Chemistry IIA (234) or Engineering Physics (222).

Lectures: Two hours a week for three terms dealing with the theory of comminution, crushing, grinding; screening, classification; gravity and electrical concentration, flotation; dewatering; storage, transport and other auxiliary operations; mill design and control.

Practical Work: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of ore dressing.

Seminar: About two hours a week for one term of flowsheet studies. Characteristic flowsheet patterns for common ore types are considered and line flowsheets developed for the treatment of specific ores. The work is concerned mainly with correct technological sequence, but the preliminary phases of machine selection and size estimation are considered.

Text-book:

- Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

Reference books:

- Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).
 Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).
 Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasian Institute of Mining and Metallurgy, 1955).
 Michell, F. B., *The practice of mineral dressing* (Electrical Press, 1950).

467. Applied Physical Chemistry.

Pre-requisite subjects: Inorganic and Physical Chemistry IIA (234) and Pure Mathematics IIB (205).

Lectures: Two lectures a week throughout the year devoted to: (i) the applications of thermodynamics to chemical equilibria and phase equilibria, (ii) reaction kinetics, (iii) other selected topics.

Practical Work: Three hours a week devoted to experiments illustrating fundamental principles of the work covered in lectures and special techniques.

Text-book:

Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).

Reference books:

- Hougen, O. A., and Watson, K. M., *Chemical process principles*, Vols. I-III (Wiley).
 Glasstone, S., *Textbook of physical chemistry*, 2nd edition (Macmillan, 1947).
 Garner, W. E., *Chemistry of the solid state* (Butterworth).
 Cottrell, A., *Theoretical structural metallurgy* (Arnold).
 Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

471. Mining Engineering I.

Pre-requisite subjects: Geology I (251), Engineering Drawing II (482), and if Surveying IA (484) has not been passed, it must be taken concurrently.

The course consists of two lectures a week throughout the year, and is a general treatment of the field of mining engineering, viz.: prospecting and surface exploration, sampling, explosives, mine development, support of mine excavations, stopping methods, elementary coal mining, and tunnelling.

Books:

(a) Recommended for preliminary reading:

- Hoover, H. C., *The memoirs of Herbert Hoover, 1874-1920. Years of adventure* (Macmillan).
 Lovering, T. S., *Minerals in world affairs* (Prentice-Hall).
 Morrell, W. P., *The gold rushes* (A. and C. Black).
 Farwell, G. M., *Down Argent street* (Johnson, Sydney).

(b) Prescribed text-books:

- Lewis, R. S., *Elements of mining* (Wiley).
 Young, G. T., *Elements of mining* (McGraw-Hill).
 Higham, S., *An introduction to metalliferous mining* (Griffin).

(c) Reference books:

(i) Statistics.

- Brookes, B. C., and Dick, W. F. L., *Introduction to statistical method* (Heinemann).
 Peatman, J. G., *Descriptive and sampling statistics* (Harper).

(ii) Drilling.

- Cumming, J. D., *Diamond drill handbook* (Smith).
 Brantly, J. E., *Rotary drilling handbook* (Palmer Publications).

(iii) Geophysics.

- Jakosky, J. J., *Exploration geophysics* (Times Mirror).
 Nettleton, L. L., *Geophysical prospecting for oil* (McGraw-Hill).
 Heiland, C. A., *Geophysical exploration* (Prentice-Hall).

(iv) Economics.

- Truscott, S. J., *Mine economics* (Mining Publications Ltd.).

(v) Explosives.

Dupont de Nemours, E. I., and Co., Inc., *Blasters handbook*.

Barab, J., *Modern blasting in quarries and open pits* (Hercules Powder Co.).

(vi) Mine equipment.

Thomae, F. A. W., *Power plants on metal mines* (Mining Publications Ltd.).

Bryson, T., *Mining machinery* (Pitman).

Williamson, M. M., and G. W., *Materials handling manual* (Paul Elek).

(vii) Mining practice.

Jackson, C. F., and Hedges, J. H., *Metal mining practice* (U.S. Bureau of Mines Bulletin, No. 419).

Beringer, B., *Underground practice in mining* (Mining Publications Ltd.).

Eaton, L., *Practical mine development and equipment* (McGraw-Hill).

Elford and McKeown, *Coal mining in Australia* (Tait Publishing Co.).

Statham, I. C. F., *Coalmining* (English U.P.).

Whitaker, J. W., and Willet, H. L., *Colliery explosion and recovery work* (Pitman).

(viii) Tunnelling.

Richardson, H. W., and Mayo, R. S., *Practical tunnel driving* (McGraw-Hill).

Hewett, B. H. M., and Johannesson, S., *Shield and compressed air tunnelling* (McGraw-Hill).

(ix) Alluvial Mining.

Harrison, H. L. M., *Examination, boring and valuation of alluvial deposits* (Mining Publications Ltd.).

Griffith, S. V., *Alluvial prospecting and mining* (Mining Publications Ltd.).

472. Mining Engineering II.

Pre-requisite subjects: Mining Engineering I (471), Strength of Materials (436), Hydraulics (434).

Lectures: Three hours a week throughout the year, dealing with underground transport, hoisting, drainage and pumping, mine ventilation, rock pressure and subsidence, mining economics, mining law, mine surveying and advanced treatment of mining methods.

Practical Work: Twelve hours a week throughout the year, comprising practical survey work and design work relating to mining operations and mine plant.

At the end of the academic year each student must submit a satisfactory paper on an approved subject.

Books:

(a) Recommended for preliminary reading:

Jenkin, A. K. H., *The Cornish miner* (Allen and Unwin).

Rickard, T. A., *Man and metals*, Vols. I and II (McGraw-Hill).

Rickard, T. A., *Technical writing* (Wiley) or (A.I.M.E. Series).

Spalding, J., *Deep Mining* (Mining Publications Ltd.).

Voskuil, W. H., *Minerals in world industry* (McGraw-Hill).

Hoover, H. C., *Principles of mining* (McGraw-Hill).

Steidle, E., *Mineral industries education* (State College, Pennsylvania).

(b) Prescribed text-books:

Peele, R., *Mining engineers' handbook*, 3rd edition, vols. I and II (Wiley).

Baxter, C. H., and Parks, R. D., *Examination and valuation of a mineral property* (Addison Wesley).

Staley, W., *Mine plant design* (McGraw-Hill).

Standards Assn. of Australia, *Steel wire rope for winding and haulage purposes in mines* (As. No. M/4—1955).

(c) Reference books:

(i) Statistics.

Lambe, C. G., *Elements of statistics* (Longmans).

Walker, M. W., and Lev, J., *Statistical inference* (Constable or Holt).

(ii) Hoisting.

Wire ropes in mines (Institution of Mining and Metallurgy).

Broughton, H. H., *Electric winders* (F. N. Spon).

(iii) Mine ventilation.

Penman, D. and J. S., *Principles and practice of mine ventilation* (Griffin).

Weeks, W. S., *Ventilation of mines* (McGraw-Hill).

Rees, J. P., *Ventilation calculations* (Transvaal Chamber of Mines).

Quality of mine air (Transvaal Chamber of Mines).

(iv) Economics.

Hoover, T. J., *The economics of mining* (Stanford U.P. and O.U.P.).

Chambers, R. J., *Financial management* (Law Book Co. of Aust.).

Tovey, P., *Balance sheets* (Pitman).

Willcox, F., *Mine accounting and financial administration* (Pitman).

Court, H. P., *Budgetary control* (Sweet and Maxwell).

Dobb, M., *Wages* (Nisbet and C.U.P.).

(v) Mining law.

Mining Acts. N.S.W., W.A., Tas., Queensland, Vic. and S.A.

(vi) Safety health.

Drinker, P., and Hatch, T., *Industrial dust* (McGraw-Hill).

Gill, C. H., *Dust, its effects on the respiratory system* (Lewis).

Silicosis, pneumoconiosis and dust suppression in mines (Institution of

Mining Engineers and Institution of Mining and Metallurgy, 1947).

Safety Code (Transvaal Chamber of Mines).

McAdam, R., and Davidson, D., *Mine rescue work* (Oliver and Boyd).

(vii) Oil.

Uren, L. C., *Petroleum production engineering* (McGraw-Hill).

Vol. I., *Oil field exploitation*.

Vol. II., *Development*.

Vol. III., *Economics*.

Pirson, S. J., *Elements of oil reservoir engineering* (McGraw-Hill).

(viii) Mining practice.

Jeppe, C. B., *Gold mining on the Witwatersrand* (Transvaal Chamber of Mines).

Symposium on shafts and shaft sinking (Chemical Metallurgical and Mining Society of South Africa, Johannesburg).

Mitke, C. A., *Mining methods* (McGraw-Hill).

Tillson, B. F., *Mine plant* (A.I.M.E.).

Fish, C. L., *The engineering method* (Stanford U.P.).

(ix) Mine surveying.

Metcalfe, J. E., *Mining engineers' survey manual* (Electrical Press).

Winiberg, F., *Metalliferous mine surveying* (Mining Publications Ltd.).

Winiberg, F., *Surveying calculations* (Mining Publications Ltd.).

Staley, W., *Introduction to mine surveying* (Stanford U.P.).

Haddock, M., *Deep borehole surveys and problems* (McGraw-Hill).

Haddock, M., *The basis of mine surveying* (Chapman and Hall).

(x) General.

Nelson, J. R., *Writing the technical report* (McGraw-Hill).

Students should provide themselves with seven-figure logarithmic tables, such as Chambers' *Mathematical tables*.

476. Mining, Metallurgical and Chemical Engineering Trip.

During the May or August vacation students are taken to visit mines and industrial plants in South Australia, or in other States. Each trip lasts for one or two weeks, and students pay their own costs.

481. Engineering Drawing I.

The course consists of a one-hour lecture and a three-hour drawing office period each week throughout the year and is primarily concerned with the means whereby the engineer may develop his own spatial ideas and give visual expression to them in a lucid manner.

Technique of Drawing.

The manipulation of drawing instruments, printing, lay-out, geometric constructions correlated with appropriate analytical geometry, the presentation of information in the form of charts, diagrams and survey plans.

Descriptive Geometry.

Descriptive Geometry as a means of representing quantitatively on a plane surface three-dimensional objects and intersections, and as a discipline in spatial thinking.

Engineering Projection.

Engineering projection, pictorial projection, freehand sketching. Conventional representations, introduction to dimensioning for form.

Text-books:

Hoelscher, R. P., and Springer, C. H., *Engineering drawing and geometry*, 1st edition (Wiley, 1956).

Engineering drawing practice (British Standard 308, 1953).

482. Engineering Drawing II.

Pre-requisite subjects: Engineering Drawing I (481) and General Mathematics (201). If Strength of Materials (436) has not already been passed, it must be taken concurrently.

The course consists of a one hour lecture and three hours drawing office work throughout the year.

Design principles, procedure and standards, limits and fits, welded, riveted and screwed joints, mechanical transmission of power, bearings, shafting, couplings and clutches, springs.

Text-books:

Faires, V. M., *Design and machine elements*, 3rd edition (Macmillan).

B.S.S. 308, *Engineering drawing practice*.

Reference books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International).

Vallance, A., and Doughtie, V. L., *Design of machine members* (McGraw-Hill).

Black, P. H., *Machine design* (McGraw-Hill).

Norman, C. A., Ault, E. S., and Zarobsky, I. F., *Fundamentals of machine design* (Macmillan).

Rollason, E. C., *Metallurgy for engineers* (McGraw-Hill).

Handbooks and codes:

Marks, L. S., *Mechanical engineers' handbook* (McGraw-Hill).

Kent, W., *Mechanical engineers' handbook*, Vol. I (Wiley).

Mechanical world yearbook.

British standard specifications (B.S.I.).

Australian standard specifications (S.A.A.).

491. First Aid.

Candidates for the degree of B.E. are required to produce evidence of their having satisfactorily completed a course of instruction in First Aid approved by the Council. They may either qualify for the certificate of the St. John Ambulance Association or satisfactorily complete a special course arranged for Engineering students by the University.

492. General Engineering.

All candidates are required in the first year to attend a short course of lectures intended to provide a descriptive survey of the various major branches of Engineering, including their historical development. The departments of Civil, Mechanical, Electrical, Mining, Metallurgical and Chemical, and Architectural Engineering each provide part of the course. There is no examination, but attendance is required for at least 75 per cent. of the lectures.

493. Industrial Engineering.

Financial principles and their application to engineering; contracts; industrial organisation and administration; production engineering; production and material control; time and operation study; methods of wage payment; plant layout; principles of cost accounting.

Text-book:

Cornell, W. B., *Organisation and management* (Ronald); or
Bethel, L. L., and others, *Industrial organisation and management* (McGraw-Hill).

Reference books:

Maynard, H. B. (ed.), *Industrial engineering handbook* (McGraw-Hill).
Alford, L. P. (ed.), *Cost and production handbook* (Ronald).
Bullinger, C. E., *Engineering economic analysis* (McGraw-Hill).

497. The Honours Degree of Bachelor of Engineering.

Work for the Honours Degree of Bachelor of Engineering is taken concurrently with that of the final year of the Ordinary Degree course. The laboratory project for the Honours degree will, however, normally extend to the March of the following year.

The work for the Honours Degree will consist of the full course of lectures prescribed for the final year of the Ordinary Degree and in addition candidates taking Honours will attend special lectures at an advanced level. The laboratory project of the Honours course may be an extension of the project taken in the practical work of the Ordinary Degree or may be a separate project.

FACULTY OF LAW.**1. Elements of Law (501).**

- (a) The forms of law, written and unwritten (common law, equity, statutes, custom etc.).
- (b) Principles of legal interpretation.
- (c) Outline of the constitution and jurisdiction of Australian courts.
- (d) Outline of the growth of English courts.

Text-books:

Phillips, O. H., *A first book of English Law*, 3rd edition (Sweet and Maxwell).
Williams, G. L., *Learning the law* (6th edition with Australian supplement) (Stevens).
Windeyer, *Lectures on legal history*, 3rd edition (Law Book Company of Aust.).

Reference books (available in the Library):

Baalman, J., *Outline of law in Australia* (Law Book Co. of Aust.).
Allen, C. K., *Law in the making* (O.U.P.).
Pollock, F., *First book of jurisprudence* (Macmillan).
Maitland, F. W., *The forms of action at common law* (C.U.P.).
Hanbury, H. G., *English courts of law* (O.U.P.).
Beal, E., *Cardinal rules of legal interpretation* (Stevens).
Sutton, R., *Personal actions at common law* (Butterworth).
Plucknett, T. F. T., *Concise history of the common law* (Butterworth).
Potter, H., *Historical introduction to English law* (Sweet and Maxwell).
Holdsworth, W. S., *History of English law*, 4th edition, Vol. 1 (Methuen).
Radcliffe, G. R. Y., and Cross, G., *English legal system*, 3rd edition (Butterworth).
Allen, C. K., *The Queen's peace* (Stevens).
Association of American Law Schools, *Select essays in Anglo-American legal history*, Vol. II (Little, Brown).

Stephenson and Marcham, *Sources of English constitutional history* (Harper).

Scott, W. S., *Craies on statute law*, 4th edition (Sweet and Maxwell).

Read and MacDonald, *Cases and materials on legislation* (Foundation Press Inc.).

Ault, W. O., *Private jurisdiction in England* (Yale).

Note: Before the commencement of lectures, students should read:

Glanville Williams, *Learning the law* (6th edition, with Australian supplement).

Bauman, J., *Outline of law in Australia*, 2nd edition (Law Book Co. of Aust.).

2. Constitutional Law, Part I (502).

- (a) English constitutional law and history.
- (b) The development of responsible government in the British Empire, and contemporary inter-Commonwealth relations.
- (c) Introduction to Federal constitutional law.
- (d) The constitution of South Australia.

Text-books:

Wade, E. C. S., and Phillips, G. G., *Constitutional law*, 4th edition (Longmans).

Jennings, W. I., *Law and the constitution* (London U.P.).

Reference books:

Dicey, A. V., *Introduction to the study of the law of the constitution* (9th edition or later) (Macmillan).

Keir, D. L., and Lawson, F. H., *Cases in constitutional law*, 4th edition (O.U.P.).

Amos, M., *The English constitution* (Longmans).

Evatt, H. V., *The King and his dominion governors* (O.U.P.).

Taswell-Langmead, T. P., *English constitutional history*, 10th edition (Sweet and Maxwell).

Phillips, O. Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).

Schwartz, B., *American constitutional law* (C.U.P.).

Quick and Garran, *Annotated constitution of the Australian Commonwealth*.

Moore and Harrison, *Commonwealth of Australia*.

Note: Students will be expected to have read Jennings, W. I., *Law and the constitution*, before the beginning of lectures.

3. Criminal Law (503).

- (a) General principles of criminal law.
- (b) Specific crimes.
- (c) Statutes and reports of cases, specially prescribed in lectures.

Text-book:

Kenny, C. S., *Outlines of criminal law*, 17th edition, Books I and II (C.U.P.).

Reference books:

Glanville Williams, *Criminal law* (Stevens).

Barry, Paton, and Sawyer, *An introduction to the criminal law in Australia* (Macmillan).

Russell, W. O., *Treatise on felonies and misdemeanours*, 11th edition. (Stevens).

Stephen, J. F., *Digest of the criminal law*, 9th edition (Sweet and Maxwell).

Stephen, J. F., *History of the criminal law of England* (Macmillan).

Royal Commission on Capital Punishment, *Report*, 1949-1953, Comd. 8932 (H.M.S.O.).

Hall, J., *Principles of criminal law* (Bobbs-Merrill).

4 and 5. (504 and 505).

See Regulations 3 (a) (iv) and (v) of the LL.B. Regulations; candidates who wish to present subjects other than those named in the Regulations must make written application to the Dean of the Faculty.

6. The Law of Contract (507).

- (a) General principles of the law of contract, excluding agency.
- (b) Statutes and reports of cases specially prescribed in lectures.

Text-book:

- Cheshire, G. C., and Fifoot, C. H. S., *Law of contract*, 5th edition (Butterworth).

Reference books:

- Chitty, *Contracts* (Sweet and Maxwell).
- Williston, *A treatise on the law of contracts*, revised edition (Baker, Voorhis).
- The restatement of Contract* (American Law Institute).
- Corbin on contracts* (West Publishing Co.).

7. The Law of Torts (508).

- (a) General principles of the law of torts.
- (b) Specific torts.
- (c) Statutes and reports of cases specifically prescribed in lectures.

Text-books:

Either:

- Fleming, J. G., *The law of torts in Australia* (Law Book Co. of Aust.);
- or
- Street, H., *The law of torts* (Butterworth);
- or
- Salmond, J. W., *Law of torts* (Ed. Heuston), 12th edition (Sweet and Maxwell).

Reference books:

- Winfield, P. H., *Text-book of the law of torts*, 6th edition (Sweet and Maxwell).
- Pollock, F., *Law of torts*, 15th edition (Stevens).
- Clerk, J. F., and Lindsell, W. H. B., *Law of torts*, 11th edition (Sweet and Maxwell).
- Williams, G. L., *Joint torts and contributory negligence* (Stevens).
- Wright, C. A., *Cases on the law of torts* (Butterworth).
- Prosser, W. L., *Handbook of the law of torts*, 2nd edition (Western Publishing Co., 1955).
- Morison, W. L., *Cases on torts* (Law Book Co. of Aust.).
- Smith, Y. B., and Prosser, W. L., *Cases and materials on torts* (The Foundation Press Inc.).

8. The Law of Property (509).

- (a) Principles of the law of real and personal property, and particularly: estates in land, equitable ownership, future estates, powers of appointment, the rule against perpetuities, servitudes, and the general principles of personal property.
- (b) Statutes: Law of Property Act, 1936-1945; Real Property Act, 1886-1945; Real Property (Registration of Titles) Act, 1945; Estates Tail Act, 1881; and other statutes as prescribed in lectures.
- (c) Reports of cases specially prescribed in lectures.

Text-book:

Either

- Megarry, R. E., *A manual of the law of real property* (Stevens, 1949);
- or
- Hargreaves, A. R., *Introduction to the principles of land law*, 3rd edition (Sweet and Maxwell, 1952).

Reference books:

- Cheshire, G. C., *Modern law of real property*, 8th edition (Butterworth).
 Williams, J., *Principles of the law of personal property*, 18th edition (Sweet and Maxwell).
 Megarry, R. E., and Wade, H. W. R., *The law of real property* (Stevens, 1957).
 Kerr, D., *Australian land titles (Torrens) system* (Law Book Co. of Aust.).
 Baalman, J., *Torrens system in N.S.W.* (Law Book Co. of Aust.).
 Jessup, G. A., *Forms and practice of lands titles office of S.A.*, 2nd edition (Law Book Co. of Aust.).
 Goodeve, L. A., *Modern law on personal property*, 9th edition, by R. H. Kersley.
 Morris and Leach, *The rule against perpetuities* (Stevens).
 Harrison, W., *Cases on land law* (Law Book Co. of Aust.).

9. Constitutional Law, Part II (510).

- (a) The constitution of the Australian Commonwealth.
 (b) English and Australian administrative law.

Text-book:

- Saver, G., *Cases on the constitution of the Commonwealth of Australia* (Law Book Co. of Aust.).

Reference books:

- Knowles, G. S., *Commonwealth of Australia constitution act* (Canberra).
 Phillips, O. Hood, *The constitutional law of Great Britain and the Commonwealth* (Sweet and Maxwell).
 Wynes, W. A., *Legislative and executive powers in Australia* (Law Book Co. of Aust.).
 Nicholas, H. S., *Australian constitution* (Law Book Co. of Aust.).
 Else-Mitchell, R., *Essays on the Australian constitution* (Law Book Co. of Aust.).
 Allen, C. K., *Law and orders* (Stevens).
 Sieghart, M.A., *Government by decree* (Stevens).
 Robson, W. A., *Justice and administrative law* (Stevens).
 Friedmann, W., *Principles of Australian administrative law* (M.U.P.).
 Griffith, J. A. G. and Street, H., *Principles of administrative law* (Pitman).

10. Jurisprudence (512).

- (a) The philosophy of law.
 (b) Historical and analytical jurisprudence.

Text-books:

- Paton, G., *A text-book of jurisprudence*, 2nd edition (O.U.P.).
 Hall, J., *Readings in jurisprudence* (Bobbs-Merrill, 1938).

Reference books:

- Allen, C. K., *Law in the making*, 5th edition (O.U.P., 1951).
 Cardozo, *The nature of the judicial process* (Y.U.P., 1948).
 d'Entrèves, *Natural law* (Hutchinson's Uni. Library, 1951).
 Diamond, *The evolution of law and order* (Watts, 1951).
 Friedmann, *Legal theory*, 3rd edition (Stevens, 1953).
 Jones, J. W., *Historical introduction to the theory of law* (O.U.P., 1940).
 Salmond, *Jurisprudence*, 10th edition (Sweet and Maxwell, 1947).
 Stone, J., *The province and function of law* (Maitland, 1952).

Students are expected before the beginning of the course to have read Sabine, *History of political theory*, especially sections on Aristotle, Cicero, Aquinas, Machiavelli, Hobbes, Locke, Rousseau, Bentham, Austin, Kant, Hegel, Marx.

11. Roman Law (513).

A course of lectures extending over two terms on the following topics:

- (a) A general outline of Roman private law.
 (b) The Roman Law of Sale, studied in comparison with the law of sale of goods in South Australia.

Text-books:

Turner, J. W. C., *Introduction to the study of Roman private law* (Bowes and Bowes).

(This book should be read before lectures begin.)

Lee, R. W., *The elements of Roman law*, 3rd edition (Sweet and Maxwell).

Reference books:

Gaius (ed. de Zulueta), Vols. I and II (O.U.P.).

(Students will be referred to selected texts.)

de Zulueta, *The Roman law of sale* (O.U.P.).

(Students will be referred to selected texts.)

Chalmers, *Sale of goods*, 12th edition (Butterworth).

Hunter, W. A., *Introduction to the study of Roman law and institutes of*

Justinian, 9th edition, by F. H. Lawson (1950).

Buckland, *A text-book of Roman law* (C.U.P.).

Jolowicz, *Historical introduction to the study of Roman law*, 2nd edition (C.U.P.).

Justinian's Institutes (ed. Moyle, O.U.P.).

Schulz, F., *Classical Roman law* (O.U.P.).

In the examination in this subject, passages from the selected texts will be set for comment.

12. International Law.

Text-books:

Lauterpacht, H., *Oppenheim's international law*, 7th edition, Vol. I.

Green, L. C., *International law through the cases*. (Stevens) (2nd edition in prep. Blackwells, 58/59.)

Brierly, *The law of nations*, 5th edition (1953).

Reference books:

Lauterpacht, H., *Recognition in international law* (O.U.P.).

O'Connell, D. P., *The law of state succession* (C.U.P.).

Colombos, C. J., *International law of the sea* (Longmans).

McNair, A., *The law of treaties* (O.U.P.).

13. Legal History (514).

No attempt will be made to deal with the entire history of English law. Lectures will be confined to a number of special subjects, but students may be asked questions in the examination outside the scope of the subjects selected each year to be discussed in the lectures. The lecture subjects for the year 1959 will be:

(a) Trespass and Case.

(b) The History of Contract.

(c) Uses and Trusts.

(d) Corporations.

Text-books:

There is no one text-book which within a short compass deals adequately with all the subjects to be discussed. But students should provide themselves with the following work which deals with subjects (a) and (b).

Fifoot, C. H. S., *History and sources of the common law* (Stevens).

Reference books:

Holdsworth, W. S., *A history of English law*, especially Volumes III, IV, VII and VIII (Methuen).

Holdsworth, W. S., *Historical introduction to the land law* (O.U.P.).

Plucknett, T. F. T., *Concise history of the common law*, 4th edition (Butterworth, 1948).

Ames, J. B., *Lectures on legal history* (Harvard U.P.).

Pollock, F., and Maitland, F. W., *History of English law*, Vols. I and II (C.U.P.).

Holmes, O. W., *The common law* (Little Brown).

Maitland, F. W., *Collected Papers* (C.U.P.).

Maitland, F. W., *The forms of action at common law* (C.U.P.).

Kiralfy, A. K., *The action on the case* (Sweet and Maxwell).

Potter, H., *Historical introduction to English law* (Sweet and Maxwell).

Association of American Law Schools, *Select essays in Anglo-American legal history*, Vols. I-III (Little Brown).

Cooke, C. A., *Corporation, trust and company* (Manchester U.P.).

14. Equity (515).

- (a) Such of the following special subjects as may be chosen by the lecturer:—
 (1) Terms of years; (2) The principles of equity and equitable estates and interests; (3) Trusts; (4) Mortgages; (5) Bills of sale; (6) Administration of deceased persons' estates; (7) Married women's property; (8) The principles of conveyancing.
 (b) The Statutes relating to the special subjects and referred to in the lectures.
 (c) Reports of cases specially prescribed in lectures.

Text-books:

- Snell, E. H. T., *Principles of equity*, 24th edition (Sweet and Maxwell).
 Nathan, *Equity through the cases*, 3rd edition (Sweet and Maxwell).
 Other books on particular subjects suggested in lectures.

Reference books:

- McDougall, A., *Modern conveyancing* (Pitman).
 Hanbury, H. G., *Modern equity* (Stevens).
 As suggested in lectures.

15. Mercantile Law (516).

A course of lectures extending over one year and dealing with sale of goods, negotiable instruments, bills of sale, hire purchase agreements, agency, insurance, suretyship, and such other subjects as the lecturer may choose.

Text-book:

- Charlesworth, J., *Principles of mercantile law*, 7th edition (excluding partnership and bankruptcy) (Sweet).

Reference books:

- Russell, F. A. A., and Edwards, D. S., *Law relating to bills of exchange in Australia*, 2nd edition (Sydney Law Book).
 Chalmers, M. D., *Digest of the law of bills of exchange*, 11th edition (Stevens).
 Hanbury, H. G., *Principles of agency* (Stevens).
 Byles, J. B., *Treatise of the law of bills of exchange*, 21st edition (Sweet and Maxwell).
 Smith, J. W., *Compendium of mercantile law*, 13th edition (Stevens).
 Dean, A., *Law relating to hire purchase in Australia*, 2nd edition (Sydney Law Book).
 Benjamin, J. P., *Treatise on the law of sale of personal property*, 8th edition (Sweet and Maxwell).
 Anson, W. R., *Principles of the English law of contract*, 20th edition (O.U.P.).
 Bowstead, W., *Digest of the law of agency*, 10th edition (Sweet and Maxwell).
 Rowlatt, S. A., *Law of principal and surety*, 3rd edition (Sweet and Maxwell).

Private International Law (517).

- (a) General principles of private international law.
 (b) Statutes and reports of cases specially prescribed in lectures.

Text-book:

- Cheshire, *Private international law*, 5th edition (O.U.P.).

Reference books:

- Dicey, *Conflict of laws*, 7th edition (Stevens).
 Graveson, R. H., *The conflict of laws*, 3rd edition (Sweet and Maxwell).

The Law Relating to Companies, Partnership, Bankruptcy, and Divorce (518).

A course of lectures dealing with these subjects extending over one year.

Reference books:

- Pollock, F., *Digest of the law of partnership* (Stevens).
 Charlesworth, J., *Principles of company law* (Stevens).
 Collins, C. M., *Australian company law: a handbook* (Law Book Co.).
 Lewis, A. N., *Text-book of Australian bankruptcy law*, 4th edition (Law Book Co.).

- Young, N. S., *Bankruptcy practice in Australia* (Law Book Co.).

And such other text-books as are suggested in class.

The Law of Evidence and Procedure (519).

The law of evidence generally. Pleading and practice in the Supreme Court and Local Court.

Text-books:

Cross, R., *Evidence* (Butterworth, 1958).

Cockle, E., *Cases and statutes on the law of evidence*, 9th edition (Sweet and Maxwell, 1957).

Odgers, W. B., *Principles of pleading* (Stevens).

Reference books:

Stephen, J. F., *A digest of the law of evidence*, 12th edition (Macmillan).

Phipson, S. L., *Manual of the law of evidence* (Sweet and Maxwell).

The Annual Practice (Sweet and Maxwell).

Hannan, A. J., *Practice of the Local Court in South Australia* (Law Book Co. of Aust.).

FACULTY OF MEDICINE

DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY
FIRST EXAMINATION**531. Physics.**

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Text-books:

Students should have available one of the text-books prescribed for Course 221, together with either.

Rogers, J. S., *Physics for medical students* (M.U.P.); or

Webster, H. C., and Robertson, D. F., *Medical physics* (Queensland U.P.).

532. Chemistry.

A course of lectures (three hours a week) arranged as follows: First term, physical chemistry two hours, organic chemistry one hour a week. Second and third terms, physical and inorganic chemistry one hour, organic chemistry two hours a week.

A course of practical chemistry (three hours a week) consisting of two terms physical and inorganic chemistry and one term organic chemistry.

Essential books:

Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry for premedical students* (Chapman and Hall); or

Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans), and

Brown, G. I., *A simple guide to modern valency theory* (Longmans), and

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

533. Biology.

The course will be that prescribed for Biology (269).

A course consisting of two lectures and two periods of practical work each week throughout the year. The course includes:

- (a) An introduction to genetics, gene action and cell physiology.
- (b) Structure and physiology of plants.
- (c) Morphology and reproduction of main classes of plants.
- (d) The mechanism of evolution, and the impact of modern biological thinking on our philosophy and future evolution.
- (e) The anatomy and physiology of selected invertebrate animals.
- (f) Functional anatomy of vertebrates and comparative embryology.

Text-books:

Barnett, A., *The human species* (Pelican), and

Either: Hentschel, C. C., and Ivey Cook, W. R., *Biology for medical students* (Longmans),

or a combination of the following:

Buchsbaum, R. M., *Animals without backbones*, Vols. 1 and 2 (Pelican).

Romer, A. S., *Man and the vertebrates*, Vols. 1 and 2 (Pelican).

Mather, K., *Genetics for schools* (Murray).

Dowdeswell, W. H., *The mechanism of evolution* (Heinemann),

and

Godwin, H., *Plant biology* (C.U.P.) or

James, W. O., *Elements of plant biology*, 3rd edition (Allen and Unwin).

534. Medicine and the Humanities.

The purpose of this course may be summed up under three headings: First, to provide the essential background of a liberal education in the form of an outline of the history of Western Civilisation and its achievements in the arts and the sciences, with special reference to the contemporary theory and practice of medicine. Secondly, to give students the opportunity of direct acquaintance with a sample of the great classics of medical literature, in the writings of Hippocrates, Harvey, Osler and Sherrington. Thirdly, by means of essays to be read and discussed with the Reader in small groups, to provide students with regular practice in expressing their ideas clearly and correctly. The text-books recommended are:

Childe, G., *What happened in history?* (Penguin).

Kitto, H. D. F., *The Greeks* (Penguin).

Brock, A. J., *Greek medicine* (Dent).

Power, Eileen, *Mediaeval people* (Penguin).

Sherrington, Sir Charles, *Man on his nature* (Penguin).

Guthrie, *History of medicine* (Nelson).

Harvey's treatise on the motion of the heart and blood (Everyman).

Osler, Sir William, ed. Dr. Varney, *The student life* (E. and S. Livingstone).

Lindsay, A. D., *The modern democratic state* (O.U.P.).

SECOND EXAMINATION

541. Biochemistry.

This course consists of three lectures and two periods of laboratory work a week during the first term and two lectures and one period of laboratory work a week during the second and third terms of the second year.

Subject-matter of the course:

First term.—The chemistry of carbohydrates, lipids and proteins in relation to foodstuffs and living tissues; the nature and activity of enzymes and the chemistry of digestion; the composition and function of blood and of other tissue fluids.

Second and third terms.—The absorption and intermediary metabolism of foodstuffs; energy relationships and oxidation mechanisms; vitamins; the metabolism of water and inorganic elements; the chemistry of hormones; abnormalities of metabolism.

An additional course of about twelve lectures on clinical tests is given to medical students in connection with their practical work.

PRACTICAL WORK:

During the first term students perform experiments illustrating the chemical properties of carbohydrates, fats, proteins, enzymes, and other substances of biochemical importance.

In the second and third terms, medical students conduct quantitative examinations of urine, milk, blood and gastric contents, and perform various clinical tests.

Text-books recommended:

Mitchell, P. H., *Textbook of biochemistry*, latest edition (McGraw-Hill) or Harper, H. A., *Review of physiological chemistry* (Lange Medical Publications), or

Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders), or

Kleiner, I. S., *Human biochemistry*, 2nd edition (Kimpton).

Mitchell, M. L., *Handbook of practical biochemistry* (Hassell).

Reference book:

Cantarow, A., and Trumper, M., *Clinical biochemistry*, 4th edition (Saunders).

542. Embryology and Histology.

A course of lectures and practical classes on the development and microscopic structure of the tissues, organs and systems of the body, extending over three terms. Before the time of examination students are required to submit their notebooks as evidence of satisfactory attendance at practical classes. Medical students are expected to provide their own microscopes and the following books:

Maximow, A. A., and Bloom, W., *A text-book of histology*, 7th edition (Saunders); together with:

Hamilton, W. J., and others, *Human embryology* (Heffer).

Ford, E. B., *Genetics for medical students*, 3rd edition (Methuen).

Recommended for further reading:

Clark, W. E. Le Gros, *The tissues of the body*, 4th edition (O.U.P.).

Corner, G. W., *Ourselves unborn* (Yale U.P.).

Barclay, A. E., and others, *Foetal circulation and cardiovascular system, a synopsis for students* (Blackwell).

Ham, A. W., *Histology*, 3rd edition (Lippincott).

Smith, C. A., *The physiology of the newborn infant*, 2nd edition (Thomas).

THIRD EXAMINATION**546. Anatomy.**

The course in Anatomy extends over five terms, beginning in the first term of the second year of the medical course, and is so arranged that the dissection of the human body can be completed by the end of the course. The dissecting room is open from Monday to Friday from 9 a.m. to 5 p.m., and on Saturday from 9 a.m. to 11 a.m. during each week of term, under the supervision of the professor, the reader, lecturers and demonstrators.

A series of oral examinations must be passed on the parts of the body as they are dissected.

The following lectures and practical classes are held:

During the whole period, lecture demonstrations on regional anatomy.

During the first term, a course of introductory lectures on anatomy.

During the fourth and fifth terms, a course of lectures and practical classes on the gross and microscopical anatomy of the nervous system.

During the fifth term, lectures and demonstrations on special topics not already covered.

Students must equip themselves with dissecting instruments, half a human skeleton, and the following books:

Gray, H., *Anatomy, descriptive and applied* (Longmans); or

Cunningham, D. J., *Textbook of anatomy* (O.U.P.).

Cunningham, D. J., *Manual of practical anatomy*, vols. 1, 2 and 3 (O.U.P.).

Ford, E. B., *Genetics for medical students* (Methuen).

The following books are also recommended:

Appleton, A. B., Hamilton, W. J., and Simon, G., *Surface and radiological anatomy*, latest edition (Heffer).

Lockhart, R. D., *Living anatomy* (Faber).

Maguire, F. A., *Anatomy of the female pelvis* (Angus and Robertson).

Ranson, S. W., *Anatomy of the nervous system from the standpoint of development and function*, 9th edition (Saunders).

Books for further reading and reference will be recommended from time to time and can be consulted in the medical library.

547. Human Physiology.

The course in Human Physiology extends over the second and third terms of the second year and the first and second terms of the third year of medical study.

Text-book:

Bell, G. H., Davidson, J. N., and Scarborough, H., *Text-book of physiology and biochemistry*.

Reference books:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox),

or

Houssay, B. A., *Human physiology*, 2nd edition (McGraw-Hill, 1955).

For the continuation of this subject into the fourth and fifth years of medical study see Syllabus No. 553.

FOURTH EXAMINATION

551. General Pathology.

This course comprises an introduction to the subject. The nature and causes of disease are first considered, and then follows a full consideration of the inflammatory reaction, including tissue regeneration and repair. Other topics are thrombosis, embolism and infarction, retrograde cellular changes and degenerations, the biological effects of radiant energy, the fundamentals of the neoplastic process, haemorrhage, shock and oedema. A more detailed syllabus is issued to each student when he commences the course.

Text-book:

Wright, G. Payling, *An introduction to pathology*, latest edition (Longmans).

Reference book:

Florey, Sir Howard, *General pathology*, 2nd edition (Lloyd-Luke).

552. Bacteriology.

Morphology, physiology, cultivation, isolation and classification of bacteria of medical importance; principles of sterilisation, disinfection and chemotherapy; principles of immunology; the filterable viruses; elementary medical mycology; protozoa of medical importance. Bacteria in relation to disease: general and special bacteriological methods useful in diagnosis; collection of specimens for bacteriological and serological examination; the bacteriology, immunology and epidemiology of specific infections.

Text-books:

Fairbrother, R. W., *A text-book of bacteriology*, latest edition (Heinemann).

Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

Reference books:

Rhodes, A. J., and van Rooyen, C. E., *Text-book of virology*, latest edition (Thomas Nelson).

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (Arnold).

553. Applied Physiology and Pharmacology.

The course extends through three consecutive terms beginning with the third term in the third year of medical studies. There will be two lectures and one practical class a week in the third term of the third year and one lecture and one lecture-symposium a week in the first and second terms of fourth year. The subject-matter will be the application of the more important principles of physiology and pharmacology to medicine and surgery.

Text-books:

Micks, R. H., *Essentials of materia medica and therapeutics*, 7th edition (Churchill, 1951).

Wright, S., *Applied physiology* (O.U.P.).

Reference books:

Clark, A. J., *Applied pharmacology* (Churchill).

Goodman, L., and Gilman, A., *The pharmacological basis of therapeutics* (Macmillan).

Sollman, T., *A manual of pharmacology* (Saunders).

Wiggers, C. J., *Physiology in health and disease* (Lea and Febiger).

554. Practical Pharmacy, Pharmaceutical Materia Medica, and Posology.

The course is given during the first term of the fourth year.

An examination is held at the end of the course.

Subject-matter: Drugs of the British Pharmacopoeia which are in common use; the more important active principles of animal and vegetable drugs; the recognition of official preparations; prescription writing—weights and measures; legal restriction of narcotics and poisons; the approximate cost of medicines—incompatibility; elementary exercises in the dispensing of powders; cachets; capsules; ointments; mixtures; applications for the skin and mucous membranes.

Text-books:

- Staff of the Pharmacy Department, *A guide to practical pharmacy*.
 White, W. Hale, *Materia medica, pharmacy, pharmacology, and therapeutics* (Churchill).
Royal Adelaide Hospital pharmacopoeia.
Adelaide Children's Hospital pharmacopoeia.

FIFTH EXAMINATION.

561. Special Pathology.

In this course the naked-eye and microscopic changes in diseased organs and tissues are considered in detail, and the morbid physiology of disease is also discussed. The course comprises:

- (i) Systematic lectures;
- (ii) Weekly tutorials and practical work in the laboratory of histopathology;
- (iii) Clinico-pathological demonstrations of selected cases, which are held weekly during term;
- (iv) Attendance at autopsies in the mortuary of the Royal Adelaide Hospital. Autopsies are held daily when material is available, and students are required to attend as many as possible, and in any case not fewer than forty per annum.

Text-books:

- Cappell, D. F., *Muir's text-book of pathology* (Arnold); or
 Boyd, W., *Text-book of pathology* (Lea and Febiger).
 Hadfield, G., *Recent advances in pathology*, 6th edition (Churchill).
 Hutchison, R., and Hunter, D., *Clinical methods* (Cassell).

Reference books:

- Ogilvie, R. F., *Pathological histology* (Livingstone).
 Willis, R., *Pathology of tumours* (Butterworth).
 Whitby, L. E. H., and Britton, C. J. C., *Disorders of the blood* (Churchill).
 Dyke, S. C., *Recent advances in clinical pathology* (Churchill).
 Novak, E., *Gynaecological and obstetrical pathology* (Saunders).
 Wintrobe, M. M., *Clinical and hematology* (Lea and Febiger).

562. Public Health and Preventive Medicine.

The course of lectures deals with the principles of the subject and with their application in modern communities. The principal elements in a public health programme are reviewed: (1) eugenics and heredity, (2) maternal welfare and prenatal care, (3) infant welfare, (4) child welfare, (5) industrial hygiene, (6) food and nutrition, (7) water supplies, (8) personal hygiene, physical and mental, (9) communicable diseases, and the principles of epidemiology and immunity, (10) non-communicable diseases and hospital organisation, (11) sanitary engineering and housing, (12) vital statistics and demography, (13) medical research, (14) public health education, (15) military medicine, (16) international health organization (W.H.O.).

Consideration is given to the place of preventive medicine in the curriculum, to the clinical and social aspects of preventive medicine, to the role of the general practitioner in public health administration, and to the health legislation in S.A.—the Health Act, the Food and Drugs Act, the Local Government Act, the Venereal Diseases Act, the Dangerous Drugs Act, and the relevant regulations.

The course of study is divided into four parts:

1. A short introductory series of lectures dealing with the general principles of social medicine, the organisation of health services, personal hygiene, nutrition and dietetics, and medical statistics. These lectures are given to students beginning clinical work at the Royal Adelaide Hospital.
2. Lectures on public health or community hygiene, covering the principal elements in a public health programme, as listed above.
3. Lectures on the preventive aspects of clinical medicine.
4. Demonstrations and visits, including some of the following features: the quarantine station at Torrens Island, the pasteurisation of milk, air conditioning plant, a swimming pool, sewage treatment, a child health centre, abattoirs, a modern bakery, and an office of a Board of Health.

Typed summaries of the lectures are available. Current medical journals and these books should be read freely for reference:

American Public Health Association, *Control of communicable diseases* (1955).

Burnet, F. M., *The natural history of infectious disease* (C.U.P.).

Davies, I. G., *Modern public health for medical students* (Arnold).

Good Health for South Australia (current issues).

Hare, R., *Pomp and pestilence* (Gollancz).

Health Act and Regulations (South Australia).

Leavell, H. R., and Clark, E. G., *Preventive medicine for the doctor in his community* (McGraw-Hill).

Rosenau, M. J., *Preventive medicine and hygiene* (Appleton).

563. Forensic Medicine and Toxicology.

The Coroner's Court, Magistrate's Court, Local Court and Supreme Court; medical evidence, use of statements, expert evidence, medical privilege; dying declarations; duties of a medical man in regard to crime; rights of the individual, e.g., accused or a prisoner on medical examination; position of medical man acting for employers or insurance agents when examining patients; legal side of manslaughter by negligence, abortion, infanticide, concealment of birth, notification of birth; medico-legal bearings of divorce; signs of death; putrefaction; sudden deaths, asphyxia, syncope, coma; natural sudden deaths; post-mortem examinations, including exhumations; wounds, accidental, suicidal, homicidal, and fabrications; asphyxia, hanging, strangulation, drowning, poisoning, electrocution, abortions and infanticide; examinations of victims and accused in cases of criminal assault, rape, etc.; suspected drunkenness; duties of prison doctors; poisons, sales of poisons, Dangerous Drugs Act; Pharmacy and Poisons Acts; collecting material for analysis; examination of blood for alcohol; tests for human and other bloods; blood groups; paternity cases; seminal stains; hairs and fibres.

Text-books:

Simpson, K., *Forensic medicine*, 3rd edition (Edward Arnold).

Smith, S., *Forensic medicine*, latest edition (Churchill); or

Glaister, J., *Medical jurisprudence and toxicology* (Livingstone).

Taylor, A. S., *Principles and practice of medical jurisprudence*, edited

Smith, S. A., and Cook, W. G. H., latest edition (Churchill).

SIXTH EXAMINATION

571. Group I: The Principles and Practice of Medicine and Therapeutics.

A. MEDICINE: A course of lectures extending over two years in the principles and practice of medicine, including therapeutics, in general and special diseases.

1. Medicine.

Text-books:

Conybeare, Sir J. J. (ed.), *Textbook of medicine* (Livingstone); or

Davidson, L. S. P., and others, *Principles and practice of medicine* (Livingstone); or

Richardson, J. S., *The practice of medicine* (Churchill).

Reference books:

Price, F. W. (ed.), *A textbook of the practice of medicine* (O.U.P.).

Cecil, R. L. F., and Loeb, R. F. (eds.), *Textbook of medicine*, latest edition (Saunders).

Stewart, Sir J. Purves, *Diagnosis of nervous diseases* (Arnold).

Wood, P. H., *Diseases of the heart and circulation* (Eyre and Spottiswoode).

Bourne, G., *An introduction to cardiology* (Arnold).

Coope, R., *Diseases of the chest* (Livingstone).

Molesworth, E. H., *An introduction to dermatology* (Churchill).

Roxburgh, A. C., *Common skin diseases* (Lewis).

Whitby, Sir L. E. H., and Britton, C. J. C., *Disorders of the blood* (Churchill).

Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).

Harries, E. H. R., and Mitman, M., *Clinical practice in infectious diseases* (Livingstone).

Christie, A. B., *Infectious diseases* (Faber and Faber).

2. Physical Signs, Diagnosis and Chemical Methods.

Text-books:

Hutchison, Sir R., and Hunter, D., *Clinical methods* (Cassell).

Reference books:

Cabot, R. C., *Physical diagnosis* (Baillière, Tindall and Cox).Harrison, G. A., *Chemical methods in clinical medicine* (Churchill).Stokes, E. H., *Clinical investigation* (Angus and Robertson).**3. Therapeutics.**

Text-books:

Dunlop, D. M., McNee, J. W., and others, *Text-book of medical treatment* (Livingstone).White, Sir W. Hale, *Materia medica, pharmacy, pharmacology and therapeutics* (Churchill).**B. PSYCHOLOGICAL MEDICINE: The course includes:****1. PSYCHOLOGY: Six lectures and three demonstrations at the end of the third year.**

- (a) The relations between the fields of psychology and medicine.
- (b) The psychologist in medical settings.
- (c) The use and limitations of common psychological techniques.
- (d) Psychological aspects of medical interviews.
- (e) The study of attitudes in patients.
- (f) The social psychology of illness.

2. ABNORMAL PSYCHOLOGY, MENTAL DISORDERS AND MENTAL DEFICIENCY: 10 lectures and 2 demonstrations at the Enfield Receiving House in the first and second terms of the sixth year.

- (a) Psycho-pathology.
- (b) Disorders of cognition, affection and conation.
- (c) Mental mechanisms.
- (d) Amentia, affective psychoses; schizophrenic paranoid psychoses; confusional and tonic states; other organic psychoses.
- (e) The legal relationship of mental disorders.

Text-books:

Zangwill, O. L., *Introduction to modern psychology* (Methuen).Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).Stafford Clark, D., *Psychiatry today* (Pelican).Valentine, M., *An introduction to psychiatry* (Livingstone, 1955).**C. MEDICAL DISEASES OF CHILDREN: A course of ten lectures on infant feeding and management, and disease specially important in children; demonstrations at the Mareeba Babies' Hospital, including the actual preparation of infant foods in common use; methods of caring for premature infants. The maintenance of breast feeding at the School for Mothers.**

Text-books:

Ellis, R. W. B., *Disease in infancy and childhood* (Livingstone).Collins, V. L., *Infant feeding*, latest edition (Ramsay).*Health supervision of young children* (American Public Health Association).**572. Group II: The Science and Art of Surgery.****A. SURGERY: A course of one hundred lectures, extending over two years, in the science and art of surgery in general and special diseases and injuries.**

Text-books:

Adams, J. C., *Outline of orthopaedics* (Livingstone).Bailey, H., and Love, R. J. M., *Short practice of surgery* (Lewis).Rose and Carless, *A manual of surgery for students and practitioners* (Baillière, Tindall and Cox).

Reference books:

Illingworth, C. F. W., *Text-book of surgical treatment, including operative surgery* (Livingstone).Jones, R. Watson-, *Fractures and other bone and joint injuries* (Livingstone).McMurray, T. P., *Practice of orthopaedic surgery* (Arnold).Bailey, H., *Emergency surgery* (Wright).Maingot, R. H., *Abdominal operations* (Appleton-Century).

The instruction in practical surgery will include the application of splints, bandages, etc.

Text-book:

Bailey, H., *Demonstrations of physical signs in clinical surgery* (Wright).

Reference books:

Farquharson, E. L., *Illustrations of surgical treatment* (Livingstone).

Pye, W., *Surgical handicraft* (Wright).

B. OPERATIVE SURGERY AND SURGICAL ANATOMY: Instruction included in lectures on Surgery.

Text-books:

Farquharson, E. L., *Textbook of operative surgery* (Livingstone).

McGregor, A. L., *Synopsis of surgical anatomy* (Wright).

Rawling, L. B., *Land marks and surface markings of the human body* (Lewis).

Reference books:

Cunningham, D. J., *Manual of practical anatomy* (O.U.P.).

Beesly, L., and Johnston, T. B., *Manual of surgical anatomy* (O.U.P.).

Rowlands, R. P., and Turner, P., *The operations of surgery* (Churchill).

Turner, G. G., and Carson, H. W. (eds.), *Modern operative surgery* (Cassell).

C. DISEASES OF THE EYE: A course of fifteen lectures dealing with: examination of the eyes; refraction; diseases and injuries of the eyelids, conjunctiva, and lachrymal apparatus; diseases and injuries of the eyeball; including glaucoma and amblyopia; affections of the ocular muscles; operations upon the eye and its appendages.

Text-book:

Wolff, E., *Diseases of the eye* (Cassell).

D. DISEASES OF THE EAR, NOSE AND THROAT: A course of ten lectures dealing with: nasal obstruction due to disease and injury; acute and chronic sinusitis, symptoms, and treatment; nasal manifestations of allergy and treatment; epistaxis—causes and treatment; throat infections—types, causes and treatment; malignant disease of throat, its surgery and treatment by radiation; dysphagia—types, causes, and treatment; cardiospasm; diseases of the larynx and their treatment, with special reference to tuberculosis and cancer; the nature of hearing and deafness; causes and types of deafness and their treatment; suppurative otitis and its complications; tinnitus; vertigo; injuries to ear; vestibular tests.

Text-book:

Hall, I. S., *Diseases of the nose, throat, and ear* (Livingstone).

Reference book:

Jackson, C., and others, *Nose, throat and ear, and their diseases* (Saunders).

E. SURGICAL DISEASES OF CHILDREN: Ten lecture-demonstrations on surgical diseases of children given at the Adelaide Children's Hospital in the fifth year of the medical course.

F. DENTISTRY: Extraction of teeth under local and general anaesthetic on at least four patients; instruction on normal and abnormal arrangement of teeth, the importance of deciduous dentition and conservation of teeth, and recognition and treatment of certain teeth and gum conditions, e.g., temporary treatment of carious teeth, abscess conditions, pyorrhoea, inflammatory and ulcerative conditions of gums, dental use of X-rays, regulation of children's teeth.

G. RADIOLOGY: A course of lecture-demonstrations in third year, dealing with: surgical and applied anatomy combined with the radiological investigation of bones and joints, of thorax, of alimentary tract, of liver and gall bladder, of urinary tract, of female pelvic organs and of soft tissues.

H. ANAESTHETICS: (i) A course of nine lectures dealing with preparation of patient—premedication (including rectal); ether anaesthesia—including signs, airway, respiration, and contra-indications; chloroform, trichlor-ethylene, ethyl

chloride, intravenous anaesthesia; gas anaesthesia; spinal anaesthesia, caudal, local; choice of anaesthesia. (ii) Every student is also required to satisfy the instructors of his proficiency in administering open ether, ether through Shipway apparatus (E.N.T.), endotracheal ether, ether to children, nitrous oxide and oxygen, intravenous, spinal, and local (if possible).

Text-book:

Minnitt, R. J., and Gillies, J., *Text-book of anaesthetics*, 7th edition (Livingstone, 1948).

573. Group III: Obstetrics and Gynaecology.

A. OBSTETRICS: A course of 25 lectures given during the early part of the fifth year of the medical course covers the aspects listed below. Subsequently students live in residence at one of the obstetric teaching hospitals for a total period of eight weeks for practical training. Historical introduction; the sexual cycle; maturation and fertilisation; implantation and development of ovum; development of placenta and membranes; functions of the placenta; diagnosis of pregnancy; anatomy and physiology of pregnancy; foetus-in-utero and definitions; normal pregnancy; mechanism and management of normal labour; the effects of labour on mother and foetus; analgesic and anaesthetic methods; puerperium, normal and abnormal; abnormal pregnancy; abnormal labour; abnormal third stage; the newborn baby, normal and abnormal; significance of the Rh factor in pregnancy; obstetric operations; forceps operation, episiotomy, termination of pregnancy and induction of labour, versions and destructions, caesarean section, preparation for childbirth; radiology and obstetrics.

Text-books:

Eden, T. W., and Holland, E. L., *Manual of obstetrics* (Churchill).

Mayes, B. T., *Text-book of obstetrics* (Australian Publishing Co.).

Baird, D., *The combined text-book of obstetrics and gynaecology*, 6th edition (1957).

Reference books:

Browne, F. J., *Ante and post natal care* (Churchill).

Browne, F. J., *Postgraduate obstetrics and gynaecology* (Butterworth Medical Publications).

Munro-Kerr, J. M., and Chassar-Moir, J., *Operative obstetrics* (Baillière, Tindall and Cox).

B. GYNAECOLOGY: A course of 15 lectures given during the fifth year of the medical course covers the aspects listed below. Examination of patient; introductory terms in gynaecology; cause of menstruation; role of internal secretions in gynaecology; inflammations; tumours, lacerations; malformations and displacements; other gynaecological conditions; use of gynaecological instruments and appliances; gynaecological operations.

Text-books:

Berkeley, G. H. A. C. (ed.), *Diseases of women*, by Ten Teachers (Arnold).

Schlink, H. H., *Gynaecology* (Angus and Robertson).

Shaw, W., *Text-book of gynaecology* (Churchill).

Baird, D., *The combined text-book of obstetrics and gynaecology*, 6th edition (1957).

Reference books:

Eden, T. W., and Lockyer, C., *Gynaecology* (Churchill).

Crossen, H. S., and Crossen, R. T., *Diagnosis and treatment of diseases of women* (Mosby, St. Louis).

Te Linde, R. W., *Operative gynaecology* (Lippincott).

574. Medical Ethics.

A short course of lectures on the ethics of the profession.

The relationship of practitioners to one another, to patients, nurses, chemists, friendly societies, the public, advertising, hospitals, the law courts, and the State.

DEGREE OF MASTER OF SURGERY

PART I OF THE EXAMINATION

581. Anatomy.

The general scope of the work in Anatomy is similar to that prescribed for the degrees of M.B. and B.S., but a more accurate knowledge is required and more detail in respect of regions and structures of particular surgical or medical importance.

Embryology, Histology, and Neurology are treated as experimental and not purely descriptive sciences. Some knowledge is required of the factors underlying the growth and differentiation of the body and its organs, the histogenesis of tissues, and particular aspects of structures important as the basis of physiological and pathological processes.

The candidate is expected to show an acquaintance with modern trends in anatomical research such as can be obtained from current and recent numbers of journals, monographs, etc.

582. Physiology (including Biochemistry).

The scope of the work in physiology is that prescribed for the degrees of M.B. and B.S., excluding pharmacology, but including the physiology of the special senses. A higher standard is required than for the Bachelor's degrees, and special emphasis is laid on the application of physiology and biochemistry to surgery.

The examination consists of written papers and viva voce questions, and equal marks are allotted for each division.

Text-books:

Latest edition of

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox).

Houssay, B. A., *Human physiology* (McGraw-Hill, 1955).

Wright, S., *Applied physiology* (O.U.P.).

Selections from recent monographs will be set by the Professor.

FACULTY OF DENTISTRY

DEGREE OF BACHELOR OF DENTAL SURGERY

FIRST YEAR.

601. Physics.

A course of lectures (three hours a week) and practical work (three hours a week) throughout the academic year.

Text-books:

Students should have available one of the text-books prescribed for Course 221, together with either

Rogers, J. S., *Physics for medical students* (M.U.P.); or

Webster, H. C., and Robertson, D. F., *Medical physics* (Queensland U.P.).

602. Chemistry.

A course of lectures (three hours a week) arranged as follows: First term, physical chemistry, two hours; organic chemistry, one hour per week. Second and third terms, physical and inorganic chemistry, one hour; organic chemistry, two hours per week.

A course of practical chemistry (three hours a week) consisting of two terms physical and inorganic chemistry, and one term organic chemistry.

Essential books:

Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry for premedical students* (Chapman and Hall), or

Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans), and

Brown, G. I., *A simple guide to modern valency theory* (Longmans), and

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

603. Biology.

The course will be that prescribed for Biology (269).

604. Dental Materials and Technics I.

- (a) A course of elementary instruction on dental materials and technics.
- (b) A course of demonstrations and practical work at the Dental Department Royal Adelaide Hospital.

Text-book:

Skinner, E. W., *The science of dental materials*, 4th edition (Saunders).

SECOND YEAR.**611. Anatomy.**

This consists of a course of systematic lectures, demonstrations, and practical work. The course is so arranged as to cover the general anatomy of the body and the principles underlying its structure, the detailed topographical anatomy of the head and neck and the dissection of this region.

The course occupies three terms.

Text-book recommended:

Cunningham, D. J., *Manual of practical anatomy*, vol. 3 (O.U.P.).

612. Histology.

A course of lectures, demonstrations and practical classes in histology extending over three terms and including a special course on the microscopic anatomy and development of the teeth and face.

Text-books recommended:

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

Mummery, J. H., *The microscopic anatomy of the teeth* (O.U.P.).

Widdowson, T. W., *Special or dental anatomy* (Staples).

613. Junior Dental Anatomy.

- (a) A course of instruction on human teeth, deciduous and permanent; their notation, structure, morphology, arrangement, and occlusion.
- (b) A course of practical work at the Department of Dentistry, Royal Adelaide Hospital. A study of teeth by drawing, carving, and section-cutting.

Text-books:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Black, G. V., *Descriptive anatomy of the human teeth* (White dental manufacturing co.).

Reference book:

Schwartz, J. R., *Practical dental anatomy and tooth carving* (Dental items of interest publishing co.).

614. Biochemistry.

A course of lectures and practical work on general biochemistry during one term.

Text-book:

Mitchell, M. L., *Practical biochemistry for medical students* (Hassell).

Reference books:

Thorpe, W. V., *Biochemistry for medical students*, 4th edition (Churchill);

or

Harrow, B., and Mazur, A., *Textbook of biochemistry* (Saunders); or

Haurowitz, F., *Biochemistry* (Chapman and Hall).

615. Physiology.

A course of lectures and practical work extending over three terms.

Text-books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).

Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).

Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

616. Dental Materials and Technics II.

(a) A course of instruction on the rudiments of dental mechanics and the properties of dental materials.

(b) A course of elementary instruction on the structure of metals and their physical and mechanical properties.

(c) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-books:

Skinner, E. W., *The science of dental materials*, 4th edition (Saunders).

Osborne, J., *Dental mechanics for students*, 3rd edition (Staples).

THIRD YEAR.**621. Senior Dental Anatomy.**

A course of instruction on human and comparative dental anatomy. Teeth: their origin, development, form, eruption, and function. Associated structures: periodontal, alveolar process, the palate and oral cavity. Temporo-mandibular articulation, mandibular movements and the mechanism of mastication. Nerve and blood supply. Physiology of the mouth.

Text-book:

Tomes, C. S., *Manual of dental anatomy, human and comparative* (Churchill).

Reference books:

Shapiro, H. H., *Applied anatomy of the head and neck* (Lippincott, 1943).

Sicher, H., *Oral anatomy* (Mosby, 1949).

Klatsky, M., and Fisher, R. L., *The human masticatory apparatus* (Henry Kimpton, 1953).

O'Rourke, J. T., and Miner, L. M., *Oral physiology* (C. V. Mosby, 1951).

622. Pathology.

GENERAL PATHOLOGY: A course of instruction on the general principles of pathology, inflammation, repair of injuries, tumours, pyogenic organisms, syphilis, tuberculosis, and actinomycosis, with special reference to diseases associated with the mouth and adjacent parts.

Text-book:

Montgomery, G. L., *Pathology for students of dentistry* (Livingstone, 1953).

Reference books:

Boyd, W., *Text-book of pathology* (Lea and Febiger).

Dible, J. H., and Davie, T. B., *Pathology: an introduction to medicine and surgery* (Churchill).

Kettle, E. H., *Pathology of tumours* (Lewis).

Ogilvie, R. F., *Pathological histology* (Livingstone).

623. Dental Patho-histology.

DENTAL PATHO-HISTOLOGY: A course of instruction including lectures and practical work dealing with microscopic examination of dental and surrounding tissues in diseases of the teeth.

Text-books:

U.S. Naval Dental School, *Color atlas of oral pathology* (Lippincott, 1956).

Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).

Reference books:

- Stones, H. H., *Oral and dental diseases* (Livingstone).
 Pickerill, H. P., *Prevention of dental caries and oral sepsis* (Baillière, Tindall and Cox).

624. General and Dental Bacteriology.

A course of lectures and practical work designed to give instruction on the general principles of bacteriology and immunity as applied to dental practice. The course covers the following: Morphology, physiology, cultivation and isolation of yeasts, moulds, bacteria and viruses; principles of sterilisation, disinfection and chemotherapy; general principles of immunology and infection; the characteristics and occurrence of representative groups of yeasts, moulds, bacteria and viruses with particular reference to those involved in dental and oral infections.

Text-books:

- Fairbrother, R. W., *Textbook of medical bacteriology*, latest edition (Heinemann).
 Mackie, T. J., and McCartney, J. E., *Handbook of practical bacteriology*, 9th edition (Livingstone).

625. Conservative Dentistry I.

A course of lectures, demonstrations and practical work on instruments and materials; the filling of teeth, temporary fillings, permanent fillings, gold fillings, amalgam fillings, synthetic cement fillings, and inlays; root canal treatments and root canal fillings; prophylactic and scaling treatment; X-ray technics.

Text-book:

- Gabel, Arthur B., (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).

Reference books:

- Black, G. V., *Operative dentistry* (section dealing with technical procedure in filling teeth) (Kimpton).
 Brauer, Higley, Massler and Schour, *Dentistry for children*, 2nd edition (Blakiston).
 Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
 McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

626. Dental Metallurgy.

A course of approximately twenty lectures and practical demonstrations dealing with:

- (1) Phase equilibrium diagrams for alloys system.
- (2) Iron and its alloys with special reference to dental and surgical tool steels and stainless ferrous alloys.
- (3) Age-hardenable precious metal alloys and cobalt-chromium base alloys, their properties, working and heat treatment.
- (4) Amalgam alloys and dental amalgams.
- (5) Joining processes in dental work, dental solders and fluxes.
- (6) Casting and fabrication of dental alloys.
- (7) Corrosion of dental materials.

Text-book:

- Skinner, E. W., *The science of dental materials*, (W. B. Saunders Coy., Philadelphia and London, 1954).

627. Prosthetic Dentistry I.

- (a) A course of instruction on full denture prosthesis, partial denture prosthesis and metal casting technics.
- (b) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-book:

- Swenson, M. G. (ed.), *Complete dentures* (C. V. Mosby).

Reference books:

- Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).
 Gabell, D. P., *Prosthetic dentistry* (O.U.P.).
 Turner, C. R., and Anthony, L. P. (eds.), *American text-book of prosthetic dentistry* (Lea and Febiger).

628. Dental Materia Medica.

An introductory course of instruction on the application of drugs relating to the practice of dentistry.

Text-book:

Dilling, W. J., and Hallam, S., *Dental materia medica, pharmacology, and therapeutics*, 4th edition (Cassell).

FOURTH YEAR.**631. Oral Pathology.**

A course of instruction on the principles of clinical, dental and oral pathology; manifestations of diseases of the dental and oral tissues; systemic effects of oral infection; oral manifestations of general diseases. Diagnosis of oral conditions.

Text-books:

Stones, H. H., *Oral and dental diseases*, 2nd edition (Livingstone).

U.S. National Naval Medical Center, *Color atlas of oral pathology* (J. B. Lippincott).

Reference books:

Thoma, K. N., *Oral pathology*.

Fish, E. W., *Surgical pathology of the mouth*.

632. General Medicine.

A special course of lectures and clinical instruction in the principles of medicine and on the diseases of different organs and systems of the body, with particular reference to the relationship between general and dental disorders.

Text-book:

Comroe, B. I., Collins, L. H., and Crane, M. P., *Internal medicine in dental practice* (Kimpton).

Reference books:

Conybeare, J. J., *Text-book of medicine* (Livingstone).

Price, F. W., *Text-book of practice of medicine* (O.U.P.).

633. General Surgery.

A course of lectures and clinical demonstrations in general surgery, with special reference to the surgery of the mouth and jaws.

Text-books:

Mills, G. P., and Humphreys, H., *Text-book of surgery for dental students* (Arnold) or:—

Woodruff, Michael, F. A., *Surgery for dental students* (Blackwell Scientific Publications, Oxford).

Bailey, H., *Clinical surgery for dental practitioners* (Lewis).

Reference book:

Blair, V. P., Ivy, R. H., and Brown, J. B., *Essentials of oral surgery* (C. V. Mosby).

634. Dental Materia Medica, Pharmacology and Therapeutics.

A course of instruction on the names, sources, physical character, chemical properties, preparation, doses, physiologic action, and application of the important drugs relating to the practice of dentistry; prescription-writing.

Text-books:

Dobbs, E. C., and Prinz, H., *Pharmacology and dental therapeutics*, 10th edition (Mosby).

American Dental Association, *Accepted dental remedies*, latest edition.

635. Conservative Dentistry II.

A course of instruction in the clinical application of operative techniques and radiography in conservative procedures.

Text-books:

Gabel, Arthur B. (ed.), *American text-book of operative dentistry* (Lea and Febiger, 1947).

Grossman, I., *Root canal therapy*, 3rd edition (Lea and Febiger, 1950).

McCall, J. O., and Wald, S. S., *Clinical dental radiology* (Saunders).

636. Crown and Bridge Prosthesis.

- (a) A course of lectures and other instruction on the fundamentals of crowns and bridges, their classification, application, construction, and repair.
- (b) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-books:

- Doxtater, L. W., *Procedures in modern crown and bridge work* (Dental items of interest pub. co.).
 Tylman, S. D., and Peyton, F. A., *Acrylics and other dental resins* (Lippincott).
 Kennedy, E., *Partial denture construction* (Dental items of interest pub. co.).
 Tylman, S. D., *Crown and bridge prosthesis* (Mosby).

637. Prosthetic Dentistry II.

- (a) A course of instruction on the principles of partial denture prosthesis.
- (b) A course of demonstrations and practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-book:

- Swenson, M. G. (ed.), *Complete dentures* (C. V. Mosby).

Reference books:

- Prothero, J. H., *Prosthetic dentistry* (Medico-dental pub. co.).
 Gabell, D. P., *Prosthetic dentistry* (O.U.P.).
 Turner, C. R., and Anthony, L. P. (eds.), *American textbook of prosthetic dentistry* (Lea and Febiger).
 Osborne, J., and Lammie, G. A., *Partial dentures* (Blackwell).
 Wilson, J. H., *Partial dentures* (Angus and Robinson).
 Applegate, O. C., *Essentials of removable partial denture prosthesis* (W. B. Saunders Company).

638. Orthodontics I.

A course of instruction, demonstrations, and practical work.

639. Children's Dentistry.

A course of instruction on the treatment of injuries and diseases of children's teeth; methods and materials used; child management.

Text-books:

- Ellis, R. G., *Injuries to the teeth of children* (Year Book Publishers, Chicago).
 McBride, W. C., *Juvenile dentistry*, 4th edition (Lea and Febiger).

640. Preventive Dentistry.

A course of instruction on the dentitions of native and civilised peoples; the function of mastication; diet and nutrition in relation to dental health and disease; the maintenance of a healthy functioning dentition.

Text-book:

- Great Britain, Ministry of Food, *Manual of nutrition* (H.M.S.O., London, 1953).

Reference books:

- O'Rourke, J. T., and Miner, L. M. S., *Oral physiology* (C. V. Mosby, 1951).
 Clements, F. W., (and others), *Diet and nutrition for the Australian people* (Angus and Robertson, 1945).
 Plimmer, R. H., and Plimmer, V. G., *Food, health, vitamins*, 9th edition (Longmans, 1943).

640a. Oral Diagnosis and Treatment Planning.

A course of instruction and clinical sessions on the principles of oral diagnosis and treatment planning. Applied oral anatomy and physiology; examination methods; analysis of records; planning treatment.

FIFTH YEAR.

641. Conservative Dentistry III.

Clinical instruction on advanced operative techniques; children's dentistry; preventive dentistry; oral diagnosis and treatment planning.

642. Periodontia.

A course of instruction on diseases of the supporting structures of the teeth and oral mucous membrane, their aetiology, symptoms, diagnosis, pathology and treatment.

Reference books:

- Kronfeld, R., *Histopathology of the teeth and their surrounding structures* (Lea and Febiger).
 Merritt, A. H., *Periodontal diseases—diagnosis and treatment* (Macmillan and Co.).
 Fish, E. W., *Parodontal diseases*, 2nd edition (Eyre and Spottiswoode, 1952).
 Clickman, I., *Clinical periodontology* (W. B. Saunders, 1953).
 Burket, L. W., *Oral medicine* (Lippincott).
 U.S. Naval Dental School, *Color atlas of oral pathology* (Lippincott).

643. Orthodontia.

A course of instruction and practical work on irregularities of the positions of the teeth and concomitant anomalies of the jaws; their development, causes, consequences, recognition, and treatment by mechanical and surgical means.

Reference books:

- Angle, E. H., *Treatment of mal-occlusion of the teeth* (White Dental Manufacturing co.).
 Brash, J. C., *Four lectures on the aetiology of irregularity and mal-occlusion of the teeth* (Dental Board of the United Kingdom, 1929).
 Strang, R. H. W., *Text-book of orthodontia*, 3rd edition (Lea and Febiger).

644. Prosthetic Dentistry III.

- (a) A course of instruction on splints, obturators, and appliances used in oral prosthesis.
 (b) A course of practical work at the Department of Dentistry, Royal Adelaide Hospital.

Text-books:

- Schlösser, R. O. (ed.), *Complete denture prosthesis* (W. B. Saunders Co.).
 Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).

Reference books:

- Gabell, D. P., *Prosthetic dentistry* (O.U.P.).
 Turner, C. R., and Anthony, L. P. (eds.), *American text-book of prosthetic dentistry* (Lea and Febiger).

645. Anaesthesia.

A course of lectures and demonstrations on general anaesthetics.

Text-book:

- Kaye, G., Orton, R. H., and Renton, D. G., *Anaesthetic methods* (Ramsay).

646. Oral Surgery.

A course of instruction on surgical procedures on teeth and oral tissues; treatment of jaw fractures; and techniques of local anaesthetic administration.

Text-books:

- Mead, S. V., *Oral surgery* (Mosby).
 Fry, W. K., *Dental treatment of maxillo-facial injuries* (Blackwell).
 Nevin, M., and Puterbaugh, P. G., *Conduction, infiltration and general anaesthetics in dentistry* (Dental Items of Interest Pub. Co.).

Reference book:

- Rowe, N. L., and Killey, H. C., *Fractures of the facial skeleton*.

647. Public Dental Health.

A short course of lectures on public dental health and the dental services, and public dental health education.

648. Dental Jurisprudence.

A short course of lectures dealing briefly with this subject.

MINIMUM PRACTICAL REQUIREMENTS

NOTE.—All work is to be completed in the Hospital, wholly by the student himself, under the supervision of the appointed instructor.

The student, before commencing any year's work, must possess all the instruments on the official list, approved by the demonstrator in charge.

FIRST YEAR**DENTAL MATERIALS AND TECHNICS I.**

Attend demonstrations and do the following practical work: Care and use of equipment, manipulation of wax, plaster of paris and hydrocal; manipulation of rubber and synthetic resins.

SECOND YEAR.**JUNIOR DENTAL ANATOMY.**

Attend the classes in practical tooth morphology, and do practical work in the following subjects:—

1. Drawing from specimen teeth.
2. Modelling and carving teeth.
3. Section cutting.

DENTAL MATERIALS AND TECHNICS II.

Attend demonstrations and do the following practical work: Manipulation of rubber and synthetic resins; denture repair technics; manipulation of metals; dental casting technics; elementary full denture technics.

THIRD YEAR.**CONSERVATIVE DENTISTRY TECHNICS.**

Attend demonstrations and do practical work in the following:—

1. Equipment: inspection; its care and use.
2. Sterilisation.
3. Instrument design and use.
 - (a) Classification of instruments; hardening, tempering, sharpening.
 - (b) Study of finger positions.
 - (c) Use of hand instruments.
4. Cavity preparation.
5. Use of various filling materials in simple fillings.
6. Use and adjustment of matrices.
7. Use of materials in compound fillings.
8. Use of drugs.
9. Examination of teeth and detection of caries by X-rays.
10. Root canal treatment.
11. Chairside procedures.
12. Attend clinical instruction and practical work on simple cases during the third term.

PROSTHETIC DENTISTRY I.

Attend instruction and do the following practical work:—Full denture technics; construction of special impression trays; model duplication; electroforming technics; reconstruction and rebasing technics; metal casting technics; partial denture technics. Introduction to clinic practice.

FOURTH YEAR.

Each student must attend on the days allotted to him for instruction in the following subjects and do the required practical work in each group as set out below:

Oral diagnosis and treatment planning.
Radiography.
Examination reports.

CONSERVATIVE DENTISTRY.

1. Plastic restorations; amalgam; silicate cement.
2. Gold restorations.
3. Inlays.
4. Pulp and root canal treatment.
5. Scaling cases.

ORAL SURGERY

Preliminary instruction in local anaesthesia techniques and the removal of teeth under local and general anaesthesia.

PROSTHETIC DENTISTRY II.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Pre-extraction records.
3. Exercises in immediate denture construction.
4. Exercises in partial denture construction.
5. Partial dentures for patients.
6. Relining and rebasing full dentures for patients.

CROWN AND BRIDGE PROSTHETICS.

Carry out the following work:—

1. Crowns: shell, Richmond, jacket, threequarter, Davis.
2. Fixed partial prosthesis: simple, complex.
3. Removable partial prosthesis: simple, complex.
4. Facings, pontics, abutments.
5. Repairs.

All work to be done mounted with contiguous teeth standing.

ORTHODONTIC TECHNIQS.

Carry out the following work:—

1. Plain soldered bands.
2. Plain spurred bands.
3. Appliance for maintaining expansion.
4. Retaining appliances, Classes II and III.
5. Retainer for use after rotation.

FIFTH YEAR.

Each student shall attend on the days allotted to him for instruction in the following subjects, and must do practical work in each group as set out below:

Oral diagnosis and treatment planning.
Radiography.
Examination reports.

CONSERVATIVE DENTISTRY.

1. Plastic restorations; amalgam; silicate cement.
2. Gold restorations.
3. Inlays.
4. Pulp and root canal treatment.
5. Periodontal treatments.

ANAESTHETICS.

Attend demonstrations on the days allotted and do administrations of anaesthetics.

ORAL SURGERY.

Perform operations in the following:

Extractions, surgical removal of impacted teeth and root fragments, gingivectomy, alveolectomy, root resection, jaw fractures and treatment of post-operative complications.

PROSTHETIC DENTISTRY III.

Carry out the following practical work:—

1. Full denture construction for patients.
2. Partial denture construction for patients.
3. Immediate denture construction for patients.
4. Construct splints for fractured jaws.
5. Construct appliances for cleft palates.

When suitable patients are not available, exercises will be set by the Reader.

ORTHODONTIA.

Treat allotted cases of simple and complicated mal-occlusion.

Record models to be made before and after treatment and lodged in model case.

Students to carry on the treatment as long as time will permit.

DEGREE OF MASTER OF DENTAL SURGERY

Before the 31st January of each year during which he proposes to undertake work for the degree a candidate shall notify the Faculty in writing of the subject or subjects he desires to study during the year.

A candidate who desires any adjustment in the general requirements prescribed or in the special work to be undertaken shall submit the adjustment desired to the Faculty for approval before 31st January in the year during which he proposes to undertake the work.

A candidate will be required to carry out in each subject, under the direction of the Professor or Supervisor concerned, a course of study which will include exercises and practical work.

A candidate will be required to submit, not later than two weeks prior to the examination, a typewritten report on the practical work carried out during each year.

PART I OF THE EXAMINATION

651. Physics.

A course of reading in elementary physics with special reference to dentistry and medicine, including more detailed study—and experimental work when specified—of selected topics such as capillarity, diffusion and osmosis; properties of materials, strength, elasticity, fatigue, and effects of temperature; physical principles of electrolysis, diathermy, X-rays, radiography, sterilisation by ultra-violet light, etc.

For reading:

Webster, H. C., and Robertson, D. F., *Medical physics* (Queensland U.P.); and subjects dealing with the application of physics in dentistry such as may be found in Glasser, O., and others (eds.), *Medical physics* (Year Book Publishers) or in the current journals as indicated.

652. Chemistry.

A course of advanced reading and, when required, the preparation of written papers on selected and approved subjects dealing with the chemistry of substances used in dentistry.

A list of the reference books to be studied may be obtained on application to the Department of Chemistry.

653. Metallurgy.

Advanced study in dental metallurgy. To include selected parts of the courses of instruction in Physical Metallurgy I (1262) and Physical Metallurgy II (1263) as the Supervisor may direct.

654. Anatomy.

Candidates will be required to show an advanced knowledge of the anatomy of the head and neck, with special application to the teeth, jaws, and jaw musculature. They must be familiar with current views on the comparative anatomy and anthropological implications of the teeth, jaws and jaw musculature. Practical work and courses of reading will be directed by the Professor of Anatomy.

655. Physiology.

The scope will be that prescribed for the degree of B.D.S. and will include those parts of the central nervous system and special senses dealt with in a prescribed junior text-book. A higher standard will be required than that for the B.D.S., and special emphasis will be laid on the application of physiology to dentistry.

More advanced reading in the following branches will be required:—

- (1) Respiration—the control of respiration and anoxia with a view to general anaesthesia.
- (2) Circulation—its relation to the use of local anaesthesia, haemophilia, anaemias and immunity.
- (3) Digestion and nutrition—in relation to tissue development, particularly teeth and bone, vitamins and minerals.
- (4) The hormones.

This advanced reading can be done from:

Best, C. H., and Taylor, N. B., *Physiological basis of medical practice* (Baillière, Tindall and Cox); or from
Houssay, B. A., *Human physiology* (McGraw-Hill, 1955).
Wright, S., *Applied physiology* (O.U.P.).

The junior text-books will be:

Best, C. H., and Taylor, N. B., *Living body* (Baillière, Tindall and Cox).
Carlson, A. J., and Johnson, V. E., *The machinery of the body* (Chicago Univ. pr.).
Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

The examination will consist of a written paper and viva voce questions.

656. Pathology.

A fuller knowledge of general pathology, especially of inflammation and tumours; a critical survey of recent and current literature on the pathology of dental and oral tissues. Practical work under the direction of the Professor of Pathology.

657. Bacteriology.

Further study of the general and systematic bacteriology of Course 621. Brief survey of recent work on disinfection, antiseptics and chemotherapy; further study of immunology including infection, immunity and hypersensitivity; study of specified recent literature on bacteria found in the mouth with special

reference to streptococci and staphylococci. Brief study of mycotic and viral infections of the oral cavity. Practical work under the direction of the Head of the Department.

Text-books:

Wilson, G. S., and Miles, A. A., *Topley and Wilson's principles of bacteriology and immunity*, 4th edition (Arnold).

Dubos, R. F., *Bacterial and mycotic infections of man*, 2nd edition (Lippincott).

PART II OF THE EXAMINATION

The scope of the work for Part II will entail the following:

- (a) A course of study of advanced and current literature on general Oral Surgery and Pathology.
- (b) A course of study of advanced text-books and current literature on the special section of work selected by the candidate and approved by the Faculty.
- (c) Practical work at the Department of Dentistry in the general and the approved special section of work; the amount of such practical work to be as directed by the Faculty in each case, but shall not be less than one half-day session a week throughout the dental clinical year.

The Faculty will indicate in general outline the scope of work to be covered in the branch of Dentistry selected and approved for section (b) of the examination. The candidate shall carry out his studies under the direction of the supervisors appointed by the Faculty.

The examination will cover both sections (a) and (b), and will be conducted by the means outlined in Regulations 6 and 7 of the degree.

CERTIFICATE OF ATTENDANCE.—Every candidate for Part II of the examination for the degree of M.D.S. shall submit, before sitting for the examination, a certificate from the Dean of the Faculty of having carried out a satisfactory amount of practical work at the Department of Dentistry as prescribed above.

FACULTY OF MUSIC

DEGREE OF BACHELOR OF MUSIC AND DIPLOMA OF ASSOCIATE IN MUSIC

Chief and Second Practical Studies I (671), II (672) and III (673).

A course of individual tuition throughout the year.

SYLLABUS.—Studies and works as prescribed each year.

EXAMINATION:

- (a) Each candidate will be required to perform the whole or any part of a list of works to be submitted to the Director of the Elder Conservatorium of Music for approval not later than the last day of the second term, such list to be selected from the syllabus which will be published at the beginning of each year.
- (b) Further, each candidate shall be examined in technical exercises and studies as laid down in the syllabus.
- (c) Reading at sight.
- (d) Viva voce examination: the candidate will be required to show a thorough knowledge of matters connected with the tonality and form of the works presented for examination, and also to show a knowledge of standard works (of his instrument or vocal) of representative composers of the main periods of composition.

Speech Training I (691) and II (692).

This course is divided into two parts, appropriate to the specific years of the diploma course for singing students.

The aims of the course of instruction are: (a) to provide training in good vocal production for speech; (b) to develop well-toned speech in harmony with a cultural background; (c) to develop poise, confidence and skill in ordinary social intercourse and in speaking to an audience; (d) to stir thought and imagination, to cultivate taste and judgment in literature, both written and spoken.

SYLLABUS.—Mechanics of speech; phonetics; prosody, gesture and mime; verse speaking and prose reading; historical knowledge of the authors of the works studied.

Reference books:

- Jones, D., *English pronouncing dictionary* (Dent).
- Ripman, W., *Good speech* (Dent).
- Storey, Barbara, *The way to good speech* (Nelson).
- Blackwood and Osborn, *The study of poetry* (Macmillan).
- Harris, L. S., *The nature of English poetry* (Dent).
- Traynor, H., *The art of speech* (Whitcombe and Tombs).

EXAMINATION:

- (a) Viva voce and practical examination in the works studied, with sight reading of verse and prose.
- (b) A short prepared speech on a given subject.
- (c) One two-hour paper or prescribed essays throughout the year.

694. Concerto.

1. Instrumental School—Diploma students will be required to present themselves for examination, in the third year of the course, in the performance of a concerto with orchestra.

2. Vocal School—Diploma students will be required to present themselves for examination in the third year of the course in the performance of a work (cycle, opera or oratorio scene) with orchestra or chamber music group of players.

In each case the work to be performed must be submitted to the Dean of the Faculty of Music for approval not later than the last day of the second term.

The Scope of School Music I (695), II (696), and III (697).

SYLLABUS.—This subject covers the essential features of the teacher's equipment in school music teaching. It is many-sided, yet the main object is to build the teacher's power and capacity in the awakening of the school student's interest in music, and the development of his imaginative receptiveness and his appreciation.

The subject is divided into three parts, each applicable to a definite period of the school years, the primary school, the middle school, and the secondary school.

The aspects of study include:

- (a) Musical appreciation—the training of the child mind as an intelligent listener, the cultivation of his imaginative faculty and his power of observation, the building of the child's capacity to discriminate and enjoy.
- (b) Creative work.
- (c) Study of the families of the classical orchestra and orchestral scores, and school orchestra technique and instrumentation.
- (d) Conducting as applied to school choir and school orchestra.
- (e) Keyboard facility—practical harmony, transposition, improvisation, the art of accompanying.
- (f) Repertoire—material (song and instrumental) suitable for class instruction.

- (g) The use of leisure—music clubs, gramophone.
- (h) Methods of teaching—the application of psychological principles to methods of teaching with special reference to the class teaching of music for school children.

Throughout the course the instruction is under the guidance of one lecturer, but special groups of lectures are given by specialist teachers in the various aspects of the work.

EXAMINATION: Viva voce examinations, in addition to one three-hour paper.

700. Principles of Class Music Teaching I.

The application of psychology principles to methods of teaching class music in schools.

The aim of the course of instruction is towards the development of the teacher for school music classes and class singing in particular.

SYLLABUS.—The work for the first year covers essential principles, including:

1. Singing: the development of the child voice; voice and breathing exercises; the problem of the monotone.
2. Aural perception; ear training; relative pitch—solfa names of the notes of the scale with mental effects of the sounds and the hand signs which are associated with them.
3. The lesson plan—(a) Infant grades; (b) Primary grades.
4. Songs—unison and part songs—method of teaching.

Text-book:

Penrose, A. I., *Method in the teaching of music in schools*.

Reference books:

Carrol, W., *The training of children's voices* (Forsyth).

Chamberlain, M., *Ear-training*.

Campbell-Egan, *Music in schools* (Carroll).

Fiske and Dobbs, *The Oxford school music book*—junior and senior teaching manual (O.U.P.).

Jacques, *Voice training in schools*.

Macpherson and Read, *Aural culture. Bases of musical appreciation* (Williams).

Macpherson, *Musical education of the child* (Williams).

Priestly, *Music guide for infants, junior and senior schools* (Nelson).

701. Principles of Class Music Teaching II.

SYLLABUS.—In the second year the work is extended to cover essential principles including:

1. Tonal problems in the classroom including the changing voice.
2. The percussion band.
3. Eurythmics and creative work.
4. The recorder class.
5. The lesson plan—secondary grades.
6. Melody building and elementary form.
7. The fundamentals of musical education: why teach music in an education system; music and the ordinary listener; teaching methods and class management.
8. Elements in musical experience and how to use them: the choral lesson; sight singing and aural culture; musical appreciation; music in further education.

Text-book:

Hooper, *Teaching music to classes*.

Reference books:

Unesco, *Music in education*.

Mellalieu, *The boy's changing voice*.

702. Principles of Class Music Teaching III.

SYLLABUS.—In the third year the work is further extended to cover essential principles including:

1. Discussions on comparative methods of music study: (a) for the professional musician; (b) for the musician in charge of school music.
2. Psychological investigation in the field of music—music and the child; musical learning; the teaching of music in the school; appreciation. Factors in musical mindedness and how they may be developed in school music.
 Executant factors in music education.
 Tests in music; school music materials and their evaluation; the aims of school music.

Text-books:

Shaw, Harold Watkins, *Musical education* (Hinrichsen).

Mursell and Glen, *The psychology of school music teaching* (Silver Burdette).

Reference books:

Buck, *Psychology for musicians* (O.U.P.).

Scholz, *Music, the child and the masterpiece* (O.U.P.).

Modern Languages I (703), II (704) and III (705).

Ensemble Playing I (706) and II (707).

SYLLABUS.—The study of prescribed works and attendance at a practical class for instruction throughout the year.

EXAMINATION: The performance of a work submitted to and approved by the Director of the Elder Conservatorium of Music.

Drama I (708), II (709) and III (710).

These courses are not yet available.

711. Harmony I.

SYLLABUS:

1. Harmony (written) in four parts.
2. Melodic invention (advanced).
3. Keyboard harmony, including transposition.

EXAMINATION:

1. One three-hour paper.
2. Viva (at the keyboard)—Practical Tests I.

Text-books:

Hollinrake, *Foundations of harmony for class teaching* (Novello).

Lovelock, *Graded exercises in transposition* (Hammond).

Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

712. Harmony II.

SYLLABUS:

1. Harmony (written) in four parts:—
 - (a) Modal harmony (Genevan and Scottish Psalters; Gibbons Hymns and Songs of the Church), including the writing of Fauxbourdons.
 - (b) Chorale harmonisation in four parts.
2. Keyboard harmony, including transposition and score reading (three and four parts, G and F clefs).

EXAMINATION:

1. One three-hour paper.

2. Viva (at the keyboard)—Practical Tests II.

Text-books:

Woodward, *Songs of Syon* (Schott).Morris, *Foundations of practical harmony and counterpoint* (Macmillan).Pilling, *Harmonisations of melodies*, Book I (Forsyth).Lang, *Score reading exercises*, Book I (Novello).

Reference book:

Lovelock, *First and second year harmony* (Hammond).

713. Harmony III.

SYLLABUS:

1. Harmony (written) in three and four parts:—

(a) The Ground Bass (Candidates may be asked to write three variations for String Quartet, the Ground—for Cello, being given.

Variation I adding a counterpoint for Viola;

Variation II contrapuntal parts for Violin, Viola;

Variation III for the complete quartet. The Cello holds the Ground in each variation) or the free treatment of a given Ostinato.

(b) Three-part writing for voices and instruments.

2. Keyboard Harmony, including transposition and score reading (alto and tenor clefs).

EXAMINATION:

1. One three-hour paper.

2. Viva (at the keyboard)—Practical Tests III.

Reference book:

Morris, *Foundations of practical harmony and counterpoint* (Macmillan).

714. Harmony IV.

1. Harmony (written):

(a) Continuo realisation.

(b) Four-part writing for voices and instruments.

2. Keyboard harmony: advanced transposition, orchestral score reading, and extemporisation; continuo playing.

EXAMINATION: One three-hour paper.

2. Viva (at the keyboard)—Practical Tests IV.

Text-books:

Lovelock, *Orchestral score reading* (Hammond).Morris, *Figured harmony at the keyboard*, Parts I and II (O.U.P.).

Reference books:

Andrews, *Oxford harmony*, Book II (O.U.P.).Bairstow, *Counterpoint and harmony* (Macmillan).

717. Counterpoint I.

SYLLABUS:

1. Motive structure and melodic variation. (Candidates may be asked to write melodic variations upon a given theme.)

2. Free counterpoint in two parts (including the writing of inventions).

EXAMINATION: One three-hour paper.

Text-book:

Morris, *Introduction to counterpoint* (O.U.P.).

718. Counterpoint II.

SYLLABUS: Counterpoint of the Roman and English Schools of the sixteenth century.

1. Two-part counterpoint (Lassus, *Cantiones Duarum vocum*, Morley, *Two-part canzonets*).2. Three-part (Palestrina style, and Morley, *Three-part canzonets*).

EXAMINATION: One three-hour paper.

Text-books:

Soderlund, *Direct approach to counterpoint in 16th century style* (Appleton-Century-Crofts).Morris, *Contrapuntal technique in the 16th century* (O.U.P.).Morley, *Two and three part canzonets* (Stainer and Bell).

719. Counterpoint III.

SYLLABUS:

1. The five-part chorale.
2. The chorale prelude, free style, for any combination of voices or instruments.

EXAMINATION: One three-hour paper.

Reference book:

Bairstow, *Counterpoint and harmony* (Macmillan).

722. Canon and Fugue.

SYLLABUS: Canon and fugal writing.

EXAMINATION: One three-hour paper.

Text-book:

Lovelock, *The examination fugue* (Hammond).

Reference book:

Oldroyd, *The technique and spirit of fugue* (O.U.P.).

726. History of Music I.

SYLLABUS: Outline of European Musical History from the Middle Ages to the present day.

Prescribed works:

Palestrina, *Stabat Mater*.

Purcell, *Dido and Aeneas*.

Bach, *Preludes and fugues, C major and C minor* (Book I).

Haydn, *Oxford symphony*.

Beethoven, *String quartet, Op. 18, No. 1*.

Schubert, *Selected songs*.

Wagner, *Siegfried idyll*.

Brahms, *Variations on the S. Anthony Chorale*.

Strauss, *Till Eulenspiegel*.

Walton, *Portsmouth Point overture*.

EXAMINATION: One three-hour paper.

Recommended books for preliminary reading:

Colles, *The growth of music* (Parts 1, 2 and 3), (O.U.P.).

Scholes, *The listener's history of music* (Parts 1, 2 and 3), (O.U.P.).

Text-books:

Westrup, *An introduction to musical history* (Hutchinson).

Lovelock, *Concise history* (Bell).

Einstein, *Short history* (Cassell).

Sachs, Curt, *A short history* (Dobson).

Bacharach, *The musical companion* (Gollancz).

Reference books:

Oxford history.

Grove's dictionary of music.

Scholes, *Oxford companion*.

Harvard dictionary of music.

727. History of Music II.

SYLLABUS: The history and development of music during the 16th, 17th and 18th centuries.

Prescribed works:

Byrd, *Five part mass*.

Victoria, *Missa quarti toni*.

Purcell, *Fantasias, and selected solo songs*.

Bach, *S. Matthew Passion*.

Handel, *Messiah, Part 2*.

Haydn, *String quartet in D minor, Op. 76*.

Piano sonatas (selected).

Mozart, *Symphony No. 40 in G minor*.

Requiem.

EXAMINATION: One three-hour paper.

Text-books:

- Thurston Dart, R., *The interpretation of music* (Hutchinson).
 Gray, Cecil, *The history of music* (Kegan Paul).
 Dickinson, A. E. F., *The art of Bach* (Hinrichsen).
 O'Brien, G., *The golden age of Italian music* (Jarrolds).
 O'Brien, G., *The golden age of German music* (Jarrolds).

Reference books:

- Reese, G., *Music in the Middle Ages* (Dent).
 Reese, G., *Music in the Renaissance* (Dent).
 Bukofzer, M., *Music in the Baroque era* (Dent).
 Lang, P., *Music in western civilization* (Norton).
 Parrish and Ohl, *Masterpieces of music before 1750* (Faber and Faber).
 Grout, *Opera* (2 vols.) (Columbia U.P.).
 Fellowes, E. H., *The English madrigal* (O.U.P.).
 Fellowes, E. H., *English cathedral music* (O.U.P.).
 Schweitzer, *Bach* (2 vols.) (Black).
 Geiringer, *The Bach family* (Allen and Unwin).
 Geiringer, *Haydn* (Allen and Unwin).
 Einstein, *Mozart* (O.U.P.).

728. History of Music III.

SYLLABUS: History and development of music during the 19th and 20th centuries.

Prescribed works:

- Beethoven, *Fidelio*.
 Wagner, *Mastersingers*.
 Brahms, *Symphonies* 2 and 3.
 Elgar, *Enigma variations*.
 Sibelius, *Symphony No. 7*.
 Ireland, *Pianoforte concerto*.
 Hindemith, *Mathis der Maler* (Symphony).

EXAMINATION: One three-hour paper.

Text-books:

- Einstein, *Music in the romantic era* (Dent).
 Abraham, *A hundred years of music* (Hinrichsen).
 Hill, R., *The symphony* (Pelican).
 Hill, R., *The concerto* (Pelican).
 Bacharach, *British music of our time* (Penguin).
 Abraham, *This modern stuff* (Hinrichsen).
 Parrott, *Pathways to modern music* (Unwin).

Reference books:

- Tovey, *Essays in musical analysis* (Vols. i-vi) (O.U.P.).
 Grout, *Opera* (Vols. i and ii) (Columbia U.P.).
 Carse, A., *The orchestra from Beethoven to Berlioz* (Heffer).
 Dyson, *The new music* (O.U.P.).
 Mellers, W., *Studies in contemporary music* (Dobson).
 Copland, *Our new music* (McGraw-Hill).

729. History of Music IV.

SYLLABUS: Selected periods—candidate's option—for individual research.
 Studies in such fields as:

1. The cantatas of J. S. Bach.
2. 20th century harmonic technique and usage.
3. A comparative study of fugal styles.
4. The accompaniment.

EXAMINATION: Two three-hour papers.

730. Literature of Music.

SYLLABUS: A study of the history and literature of music of the candidate's own instrument, or, in the case of students in the Vocal School, vocal music.

EXAMINATION: One three-hour paper.

731. Form.

SYLLABUS: Structure and analysis.

EXAMINATION: One three-hour paper.

Text-books:

Lovelock, *Form in brief* (Hammond).

Morris, *Structure of music* (O.U.P.).

Bairstow, *Evolution of musical form* (O.U.P.).

Davie, Cedric Thorpe, *Musical structure and design* (Dobson).

735. Orchestration I.

SYLLABUS:

1. Elements. A knowledge of the compass and characteristics of orchestral instruments and the technical methods of writing for them. (Candidates may be asked to write original melodies apt for various instruments—or for two or three instruments in combination.)

2. The reduction of orchestral passages for the keyboard and the simple scoring for orchestra of given passages.

EXAMINATION: One three-hour paper.

Reference books:

Parrott, *Method in orchestration* (Dobson).

Jacob, *Orchestral technique* (O.U.P.).

736. Orchestration II.

SYLLABUS: The scoring of given passages for orchestra.

EXAMINATION: One three-hour paper.

Reference book:

Rogers, *The art of orchestration* (Appleton Century Crofts).

738. Musical Criticism and Aesthetics.

EXAMINATION: One three-hour paper.

Reference books:

Tovey, *Musical textures* (O.U.P.).

Tovey, *The integrity of music* (O.U.P.).

Max Graf, *Composer and critic* (Chapman and Hall).

Norman Demuth, *Anthology and musical criticism* (Eyre and Spottiswoode).

Frank Howes, *Mind, man, and music* (Secker and Warburg).

Seashore, *In search of beauty in music* (Ronald Press).

Newman, *From the world of music* (Calder).

739 and 740. Essay I and Essay II.

SYLLABUS: The study and discussion of works undertaken in class throughout the year. The subjects for the essay will be chosen from the scope of the studies selected for these lectures.

EXAMINATION: One three-hour paper.

Prescribed works:

Beethoven, *Symphony No. 7*.

Bach, *Orchestral suite No. 4*.

Moeran, *Symphony in G minor*.

Shostakovich, *Symphony No. 5*.

R. Vaughan Williams, *Symphony No. 5*.

Mozart, *Symphony No. 40*.

Dallapiccola, *Canti di prigionia*.

Stravinsky, *Le Sacre du printemps*.

Schönberg, *String quartet No. 4*.

Alban Berg, *Lyric suite*.

Debussy, *String quartet*.

Ravel, *Daphnis and Chloe suite*.

Berlioz, *Symphonie fantastique*.

Brahms, *Requiem*.

Bloch, *Quintet for pianoforte and strings*.
 Byrd, *Mass for five voices*.
 Hindemith, *Mathis der Maler*.
 Holst, *The hymn of Jesus*.
 Walton, *Symphony*.
 Webern, *Five movements for string quartet*.
 Elgar, *Enigma variations*.

Reference books:

Newman, *From the world of music* (Calder).
 Strunk, *Source reading in music history* (Norton).
 Sullivan, *Beethoven* (Pelican).
 Tovey, *Essays and lectures on music* (O.U.P.).

741. Practical Tests I.

SYLLABUS:

1. Aural: recognition of intervals, chords and progressions including dictation.
2. Keyboard: sight reading; keyboard harmony and transposition.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

Lovelock, *Transposition* (Hammond).
 Johnson, J. Barham, *Keyboard harmony for beginners* (O.U.P.).

742. Practical Tests II.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including vocal open scores with G and F clefs); sight singing; transposition; keyboard harmony and transposition.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

Lang, C. S., *Score reading exercises*, Book I (Novello).
 Pilling, *Harmonisation of melodies at the keyboard*, Book I (Forsyth).

743. Practical Tests III.

SYLLABUS:

1. Aural: recognition of chords and progressions including dictation.
2. Keyboard: sight reading (including open score with C clefs, and string quartet scores); more advanced harmony and improvising tests than for Practical Tests II.
3. Bachelor of Music candidates must satisfy the examiners in pianoforte or organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

Eldridge, C., *Exercises in playing from three-part score* (Novello).
 Lang, C. S., *Score reading exercises*, Book II (Novello).
 Pilling, *Harmonisation of melodies at the keyboard*, Book II (Forsyth).

744. Practical Tests IV.

SYLLABUS:

1. Aural: } more advanced tests including orchestral score reading and
2. Keyboard: } continuo playing.
3. Bachelor of Music candidates must satisfy the examiners in Pianoforte or Organ playing.

EXAMINATION:

1. One one-hour paper.
2. Viva (at the keyboard).

Reference books:

- Lovelock, *Introduction to orchestral score reading* (Hammond).
 Morris, R. O., *Figured harmony at the keyboard, Parts I and II* (O.U.P.).
 Pilling, *Harmonisation of melodies at the keyboard, Book III* (Forsyth).

746. Acoustics.

SYLLABUS: The elements and principles of acoustics and their application to musical instruments and scales; general facts concerning the reflection and absorption of sound, reverberation and resonance, and the acoustics of buildings generally; simple illustrated experiments are shown.

Reference books:

- Jeans, *Science and music* (C.U.P.).
 Buck, *Acoustics for musicians* (Clarendon).
 Wood, *The physics of music* (Methuen).

EXAMINATION: One two-hour paper.

747. Accompanying.

A course of work designed to give students of the Pianoforte School experience in the art of accompanying. The literature studied will be mainly drawn from vocal writing of the eighteenth and nineteenth centuries.

EXAMINATION: Candidates will be required to accompany in the performance of several works.

748. Methods of Teaching.

SYLLABUS: A course of work designed to cover the principles and practice of the teaching of music.

EXAMINATION: In addition to the examination in Chief Practical Study III candidates will be required to:

1. present a programme suitable for teaching purposes;
2. discuss the fundamental principles of the technique of their own instrument (or voice); and
3. show a sound knowledge of the repertoire of the literature of the instrument (or voice) and a particular knowledge and understanding of teaching materials.

DIPLOMA IN PHARMACY.

Note.—The subjects in the course for the Diploma in Pharmacy must be taken in the order indicated below. No departure from this rule is permitted without the sanction of the Board of Pharmaceutical Studies.

FIRST EXAMINATION.

751 and 752. Theoretical Inorganic Chemistry.

Pre-requisite subject: Leaving Chemistry.

The course is divided into two parts, namely (Part A, Course 751) the lectures on physical and inorganic chemistry given to students of Medicine and Dentistry on Thursday (first term only) and Friday (three terms) and (Part B, Course 752) a special course of about forty lectures on the inorganic salts of the *British Pharmacopoeia*, including the methods for their preparation and assay. Papers will be set on the subject matter of each of the two parts of the course.

Part A (751).

A course of physical and inorganic chemistry designed to meet the needs of medical and pharmacy students.

Part B (752).

The chemistry of the principal compounds of pharmaceutical interest of the following elements; lithium, sodium, potassium, copper, silver, calcium, barium, magnesium, zinc, mercury, lead, arsenic, antimony, bismuth, iron, aluminium, sulphur and the halogens; acids of the *British Pharmacopoeia*; methods of assay of pharmaceutical preparations derived therefrom, impurities of pharmacopoeial substances.

Text-books:

Crockford, H. D., and Knight, S. B., *Fundamentals of physical chemistry for pre-medical students* (Chapman and Hull), or

Wallwork, S. C., *Physical chemistry for students of pharmacy and biology* (Longmans) and

Brown, G. I., *A simple guide to modern valency theory* (Longmans).

Lupton, A. W., *Aids to the mathematics of pharmacy* (Baillière, Tindall and Cox).

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

753. Practical Inorganic Chemistry.

A course of practical chemistry (three hours a week), which is complementary with the lecture course.

PHARMACY I.

The course comprises subjects 754 and 755.

754. Elementary Pharmacy: Theory and Practical.

Practical Work.—A record of all work done in the laboratory must be kept in an approved notebook.

Subject matter:

The weights and measures of pharmacy and exercises thereon.

An introductory treatment of the drugs and galenicals of the *British Pharmacopoeia*; and of their dispensing.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).

The British Pharmaceutical Codex (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

755.**A. HISTORY OF PHARMACY.**

This course is a broad survey of pharmaceutical history. Attention is given to:

(a) Ancient pharmacy up to the sixteenth century.

(b) Changes in pharmaceutical practice in England from the seventeenth century to the present time.

(c) The development of Australian pharmacy on the English pattern and the modifications caused by American influence.

(d) International pharmacy; world health organisation; miscellaneous international organisations and their impact on pharmacy.

(e) The development of drugs of biological origin. The history of some individual drugs is also dealt with during their consideration in other courses.

B. FIRST AID AND SURGICAL DRESSINGS.

A course which leads to the certificate of The St. John Ambulance Association is arranged for pharmacy students.

Students also attend lectures and practical work dealing with surgical dressings and their compliance with the standards prescribed by *The British Pharmaceutical Codex*.

SECOND EXAMINATION.

761. Theoretical Organic Chemistry.

Subject-matter:

The nature of organic chemistry; structural considerations and isomerism; classification of organic compounds. The aliphatic hydrocarbons; methane and other paraffins; ethylene and acetylene; unsaturation; structural isomerism; stereochemistry. Aliphatic halogen compounds; chloroform; iodoform; ethyl chloride. Simple aliphatic alcohols; fermentation; enzymes; glycol and glycerol. Simple aldehydes and ketones; chloral and butylchloral hydrates. More commonly occurring organic acids; fruit acids; citric and tartaric acids; lactic acid; esterification and common esters; ethyl and amyl nitrites. Oils and fats; oleates; saponification; characteristics of fixed and volatile oils. Simple sugars and glycosides; salicin; amygdalin; polysaccharides. Amides; urea; barbituric acid and substituted barbituric acids. Uric acid and the purines. Proteins and their silver derivatives. Coal tar hydrocarbons and their common derivatives; aromatic acids and alcohols; benzoin; phenol, cresols and derived antiseptics. Synthetic drugs; acetanilide, phenacetin, aspirin, phenazone, and other outstanding B.P. organic compounds; sulphadiazine. Synthetic dyestuffs of medicinal interest. Terpene compounds; camphor; menthol. Simple alkaloids. Principles of chemotherapy; organic arsenicals.

Text-book:

Fieser, L. F., and Fieser, M., *Introduction to organic chemistry* (Heath).

762. Practical Organic Chemistry.

Subject-matter:

- (a) The determination of melting-points and boiling-points.
- (b) Preparation and examination of some simple organic compounds.
- (c) The detection of salts of simple organic acids and bases; reactions of quinine, strychnine, brucine, and morphine; characterisation of B.P. organic compounds.
- (d) The examination of fixed and volatile oils and fats; acid value; saponification value of esters and oils; iodine value; essential oils.

Text-books:

Bentley, A. O., and Driver, J. E., *Text-book of pharmaceutical chemistry* (O.U.P.).

Appleyard, F. N., and Lyons, C. G., *Practical pharmaceutical chemistry* (Pitman).

Reference books:

Openshaw, H. T., *Laboratory manual of qualitative organic analysis* (Cambridge).

Middleton, H., *Systematic qualitative organic analysis* (Arnold).

763. Biology.

This course is the same as that prescribed for the B.Sc. degree. See syllabus No. 269.

THIRD EXAMINATION.

771. Botany and Pharmacognosy.

This course of lectures is begun in the second year and completed in the third year of studies.

A. BOTANY.—This course of lectures and practical work deals with the classification of the plant kingdom, with special reference to the production and distribution of their economic products.

B. PHARMACOGNOSY.—This course includes lectures and practical work on drugs of the *British Pharmacopoeia* of vegetable and animal origin and such others as are in common use; geographical and botanical sources; physical characteristics; the collection, preparation and preservation of drugs for the market; recognition of genuine drugs; possible sophistications, microscopical examination; the more important active principles; official methods of isolating same.

A wide range of macroscopic and microscopic specimens will be available.

Text-books:

Mangham, S., and Hockley, A. R., *Biology for pharmaceutical students* (Baillière, Tindall and Cox).

Trease, G. E., *A textbook of pharmacognosy* (Baillière, Tindall and Cox).

PHARMACY II.

This subject comprises the following units:

772. Commercial Pharmacy.

This course of lectures includes:

- (a) The legal aspects of pharmacy management.
- (b) An introduction to the economic basis of pharmacy and to taxation and contribution to social services based on personal income.
- (c) The elements of pharmaceutical statistics with particular attention to Commonwealth legislation dealing with social security.

773. Practical Pharmacy, Volumetric Analysis and Drug Assay.

This course of lectures and practical work includes:

- (a) The manufacture of official preparations.
- (b) The evaluation of drugs and preparations for compliance with the specifications of the *British Pharmacopoeia*. Students will examine a selection of the preparations dispensed or manufactured during the course.

774. Practical Experience.

The requirements for registration as a pharmaceutical chemist include the serving of a four-year apprenticeship. Candidates for the Diploma are required to present to the Board of Studies evidence, which has been certified as correct by the Pharmacy Board, of having:

- (i) Completed not less than 4,000 hours of experience in a pharmacy in work appropriate to their course of studies.
- (ii) Complied with the requirements of The Pharmacy Act in respect to the manufacture of preparations included in the *British Pharmacopoeia* and the *British Pharmaceutical Codex* and the dispensing of prescriptions.

These exercises are normally completed during the second and third years of study.

FOURTH EXAMINATION.

PHARMACY III.

This subject comprises the following three units:

781. Practical Pharmacy and Dispensing.

A. *Manufacturing Pharmacy*.—The theory and practical application of the principles involved in the methods of disintegration, comminution, pulverisation, and sifting of drugs, and the subsequent preparation from the same or from commercial drugs, of typical examples of:—Compound powders and confections, pill masses and lozenges, granular preparations, aromatic waters, spirits, mixtures, solutions and injections, mucilages, syrups, honeys, liniments, lotions, collodions, glycerins, ointments, plasters, suppositories, infusions, decoctions, tinctures, wines and vinegars, solid extracts, fluid extracts, and other pharmaceutical products.

The process of distillation, sublimation, extraction, infusion, decoction, digestion, maceration, percolation, expression, scaling, colation, clarification, decolourisation, trituration, elutriation, levigation, and such other processes which enter into the first, second and third years' study.

B. *Dispensing*.—The theory and practical application in the laboratory related to the compounding of prescriptions, with particular regard to the processes necessary, the calculations involved and the requirements of the Dangerous Drug and Poison Regulations in respect of labels and containers; the conversion of Imperial weights and measures into those of the metric system; the suspension of insoluble substances; the preparation and nature of emulsions, emulsifying agents, excipients and methods used for pills and tablets; principles of sterilisation, sterilisation of apparatus and materials; preparation of aseptic and antiseptic dressings.

Prescription reading.—Practical exercises in deciphering from originals; translation of Latin phrases of directions for use; detection of possible errors and unusual doses; detection of incompatibility and methods of overcoming the same.

Toxicology.—An elementary knowledge of poisons and their appropriate antidotes.

Posology.—A general knowledge of *British Pharmacopoeia* dosage and modifications necessary for age, habit and method of administration, etc.

Text-books:

British Pharmacopoeia (Pharmaceutical Press).

British Pharmaceutical Codex (Pharmaceutical Press).

Bentley, A. O., *Text-book of pharmaceuticals* (Baillière, Tindall and Cox).

Cooper, J. W., and Gunn, C., *Dispensing for pharmaceutical students* (Pitman).

Tomski, H. W., *Pharmaco-therapeutic notebook* (Baillière, Tindall and Cox).

Reference book:

The extra pharmacopoeia *Martindale* (Pharmaceutical Press).

782. Forensic Pharmacy.

This course includes a detailed survey of the legislation which governs the practice of pharmacy.

Particular attention is given to The Pharmacy Act and Regulations, the Dangerous Drug Act and Regulations, and to The Food and Drugs Act and Regulations including the Poison Regulations. Some discussion of the historical background of these enactments is also included.

783. Pharmacy Organisation.

This course covers the practical application of the principles given in previous courses dealing with Commercial and Forensic Pharmacy (772 and 782).

Consideration is given to those general principles of human relations which are of importance to the pharmacist in his administration of the legal requirements attached to medicines.

Other topics include the scope of the social sciences and the widespread use of social psychology in personnel management in commerce and industry, and in the professions; the scope and functions of pharmaceutical organisations; pharmaceutical ethics—the relationship of pharmacists to one another, to other professions, to the public and to the State.

Text-book:

Ruch, *Psychology and life* (Scott Freeman, N.Y.).

PHARMACY IV.

This subject contains the following five units:

791. Pure Pharmacology.

This course includes lectures and practical laboratory experiments to elucidate the action of drugs upon cells as demonstrated by altered function. The physiological and pharmacological principles involved in quantitative biological standardisation will be studied in theory and practice, both with respect to standards of toxicity and of potency. For this latter purpose, the following preparations will be used when test material is available: pituitary extracts (anterior and posterior), insulin, digitalis, squill and strophanthus, thyroid, gonadal and adrenal cortical hormones and the cholinesterase system.

Subject only to the availability of biological test material, as wide a range of qualitative experiments as possible will be made, demonstrating *inter alia*, the actions of atropine, eserine, amyl nitrite, acetylcholine, adrenaline, ergotamine, alcohol, ether, chloroform, thiopentone sodium, phenobarbital, picrotoxine, leptazol, nikethamide, strychnine, morphine, triazol, mephensin and curare. The practical work will be conducted in three hour periods and students will keep detailed practical records.

Text book:

Wilson, A., and Schild, H. O., *Clark's applied pharmacology*, 8th edition (Churchill).

792. Bacteriology

The course consists of 12 lectures, each of which is followed by practical exercises in the laboratory. It deals with the general characteristics of bacteria, their morphology, distribution and biochemical activity; methods of cultivation, isolation and identification of bacteria; the elements of bacterial classification; a more detailed study of selected pathogenic bacteria; methods of sterilisation and aseptic transfer; tests for sterility; chemical disinfection, chemotherapy and the development of immunity; preparation of vaccines and therapeutic sera; hypersensitivity and allergy; the normal body flora; the survival of pathogens outside the body; sources of contamination in the pharmacy; the applications of bacteriology to public health.

Text-book:

Bentley, A. O., *Textbook of pharmaceuticals*. Section 5 (Baillière, Tindall and Cox).

Recommended for reading:

McCulloch, E. C., *Disinfection and sterilisation*, Chapters 5, 7, 9, 15 and 21 (Lea and Febiger).

793. Nutrition.

The energy and protein requirements of the body; the mineral constituents and accessory food factors in the diet; the relative value of common natural foods and the economic aspects of malnutrition.

794. Organic Medicinals.

This course is primarily concerned with the pharmacy of organic compounds and therefore extends the scope of course 761. Reference is made to the use and action of selected drugs.

795. Social Biology.

The special course of lectures given to students for the Diploma in Social Studies during the third term as set out in syllabus No. 833.

DIPLOMA IN PHYSICAL EDUCATION**MEDICAL AND PHYSICAL EXAMINATIONS**

Every student entering for the practical exercises and every student entering upon a course of lectures leading to the diploma or certificate in Physical Education for the purpose of taking the examination in that course, must be prepared to attend the various examinations which will be held as early as possible in March. Enrolments should be made early to facilitate the necessary arrangements.

Students will also be required to present themselves for such repeat examinations as may be prescribed for them during the progress of their course.

New students are advised to consult the lecturer in charge of Physical Education as early as possible in the term and to acquaint themselves with the arrangements for their examinations.

801. Human Biology A.

The course consists of two lectures or lecture-demonstrations a week for two terms and one a week in the third term. The lectures are given in the Anatomy Tutorial Room.

The first lectures deal with the characteristics of living matter in general and the basic structure of different animal groups, thus presenting man as a member of a species with an evolutionary history and with a definite relationship to other members of the animal kingdom. Next follows a general description of the basic tissues of the body, and then, at some length, the anatomy of the different systems of the body is discussed together with their microscopical structure and functions, an attempt always being made to relate structure and function to one another. With each system a brief account of its evolution is given, again to illustrate phylogenetic relationships. The last system discussed is that concerned with reproduction and this leads on to a brief account of

the embryological development and growth of the human and the significance of heredity and environment in development. The last part of the course is taken up with a more detailed account of the bones, joints and muscles of the human body dealt with so as to illustrate the mechanism of the body in respiration and in simple movements and exercises.

In general the course is intended to serve as an introduction to biological science, using the elementary structure and function of the human body as its main subject matter and emphasizing points of special importance in physical education. It also forms the basis for a more detailed study of particular aspects of biology in the second year of the course.

Text-books:

Abbie, A. A., *Principles of anatomy* (Angus and Robertson).
Sears, W. G., *Anatomy and physiology for nurses* (Arnold).

Books for reference and general reading:

Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).
Williams, J. F., *Textbook of anatomy and physiology* (Saunders).
Warwick, R., *Whillis's elementary anatomy and physiology* (Churchill).
Dale, A., *An introduction to social biology* (Heinemann).

802. Human Physiology.

This course consists of two lectures or lecture-demonstrations a week for three terms, and is taken in the third year of the course.

In this course the principles of human physiology are dealt with, and special attention is given to those functions which, directly or indirectly, are connected with muscular exercise. The purpose of the lectures is to bring about a deeper understanding of the essential nature of the physiological processes in question and their regulation and co-ordination in life. Whenever possible, students have the opportunity of seeing or performing experiments which may prove instructive or useful from the theoretical and practical points of view. An elementary knowledge of chemistry and physics is desirable.

The following books will be found valuable for general reference:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
Best, C. H., and Taylor, N. B., *Living body* (Chapman and Hall).
Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Students will also find *Muscular exercise*, by M. G. Eggleton (Paul, Trench and Trubner) very helpful in connection with their work on muscular activities.

804. Hygiene.

This course consists of one lecture a week for three terms, and covers the same ground as that for the other Diplomas in Education. After an introduction on objectives, definitions, and sources of information, the subject is divided as follows:—

PERSONAL HYGIENE—This part includes the hygiene of the skeletal, muscular, respiratory, circulatory, digestive, nervous, endocrine, and genito-urinary systems, the hygiene of the eye, ear, nose, throat, teeth, and skin, and the principles of nutrition and heredity.

COMMUNITY HYGIENE—This part includes a reference to public health organisation in South Australia and to other public bodies interested in social welfare. It also includes discussions on the sanitary requirements of buildings, control of infection and infectious diseases, ventilation, the effect of sunlight, the care and preservation of food, the disposal of refuse, insects of public health interest, and rural and domestic sanitation.

Text-books:

Williams, J. F., *Personal hygiene applied* (Saunders).
Abbie, A. A., *Human physiology* (Angus and Robertson).
Davies, M. B., *Hygiene and health education for training colleges* (Longmans).

806. Body Mechanics.

This course consists of lectures and practical work during two periods a week for three terms.

The course comprises:

A detailed study of the human skeletal and muscular systems, and their association with the nervous system, to assist in the understanding of bodily movement; the principles of good posture in standing, sitting, and in movement; postural errors, their causes, effects, and preventive treatment; examination of patients for the recognition of postural defects, and courses of exercises for corrective purposes; suggestions for programmes of posture training in schools.

The following books are recommended for reference:

- Smout, C. F. V., and McDowall, R. J., *Anatomy and physiology for students of physiotherapy* (Arnold).
R.A.F., *Principles of anatomy and physiology for physical training instructors* (His Majesty's Stationery Office).
Lace, M. V., *Massage and medical gymnastics* (Churchill).
Prosser, E. M., *Manual of massage and movement* (Faber).
Thomas, Leah, *Body mechanics and health* (Houghton Mifflin).
Rathbone, J. L., *Corrective physical education* (Saunders).
Lockhart, R. B., *Living anatomy* (Faber, 1948).
Kendall, H. O. and F. P., *Posture and pain* (Williams and Wilkins).
Gardiner, M. Dena, *The principles of exercise therapy* (Bell, 1953).

807. Human Nutrition.

This course consists of one lecture a week for three terms. After a general introduction, the course deals with the following main divisions of the subject: the elementary chemistry of energy-providing foodstuffs; energy and protein requirements of the body; the mineral constituents of the diet; accessory food factors; the processes of digestion absorption and excretion; food preservation and food poisoning; the relative value of common natural foods and the economic aspects of nutrition.

N.B.—Students attending this course should have some knowledge of chemistry and physics, at least to the Intermediate stage; failing this they are expected to attend a special course in elementary chemistry concurrently with the course in Human Nutrition, and pass an examination in the general subject matter of the course. This special course is held during the first term.

Text-books recommended:

- Mottram, V. H., *Human nutrition* (Arnold); or
Sherman, H. C., *Chemistry of food and nutrition* (Macmillan).
Marston, H. R., and Dawbarn, M. C., *Food composition tables* (C.S.I.R. Bulletin 178).

Other references will be given during the course of the lectures.

808. Clinical Observation.

Following the course in Body Mechanics, a series of hospital visits is arranged during the third year. Students are shown how to observe postural defects and deformities common among school children and young adults. X-rays of the bony changes occurring in deformities are explained, and corrective exercises demonstrated. The possibilities of preventive work in schools through early recognition of signs and symptoms, and through correct habitual postures, are demonstrated.

Students are expected to keep notes of their observations, and are given a practical examination at the end of the course.

809. First Aid.

This course consists of lectures and practical work, having special reference to the needs of physical education students, but also providing some background for those who have not already qualified for their St. John Certificate.

811. Practice of Physical Education.

The course consists of lectures and discussions on the work of administering physical education in practice, and occupies two periods a week.

It covers the nature of physical education in schools and its place in the curriculum; the organisation of physical education with particular reference to equipment, staffing, and administration; the work of the teacher in preparing tables of exercises, adjusting practical work to suit ages, weather and other conditions; establishing standards and developing interest. Methods of organising classwork, problems connected with class management and discipline, and methods and procedures of value in work with clubs, welfare groups and recreation centres are also discussed.

Credit is given for class exercises and essays.

The following books are recommended for reading and reference:

Publication of the British Board of Education:

- (a) *Syllabus of physical training for schools*, 1933.
- (b) *Recreation and physical fitness for youths and men*, 1937.
- (c) *Recreation and physical fitness for girls and women*, 1937.
- (d) *McNair Committee report on the training and recruitment of teachers and youth leaders*, 1944.
- (e) *Physical education: Denmark and Sweden* (Pamphlet No. 104, 1935).
- (f) *Physical education in Germany* (Pamphlet No. 19, 1937).
- (g) *Organised camping* (Pamphlet No. 11, 1948).

Hedley, G. W., and Murray, G. W., *Physical education for boys* (Methuen 1936).

Marshall, F. J. C., and Rees, W. R., *Physical education in boys' schools*, 2nd edition (London U.P., 1941).

Williams, J. F., and Brownell, C. L., *Administration of health and physical education* (Saunders).

Halliday, R. E., and Gordon, K. M., Education Department of Western Australia, *Physical education for primary schools* (1942), and *Pictorial handbook to physical education for primary schools* (1945).

Physical education for primary schools (Physical Education Branch, Dept. of Public Instruction, Queens.).

Physical education for Victorian schools (Education Dept. of Vic., 1946).

Moving and growing, physical education in the primary school (Ministry of Education, England, 1952).

812. Principles of Physical Education.

The course consists of a series of lectures on the history and principles of physical education together with seminar discussions on topics and problems arising from the lectures and directed reading, and will take two periods a week for three terms. The unity of body-mind and the scientific bases of physical education are stressed, and the aims and the place of physical education in the life of the individual, the school and the modern community are discussed.

Credit is given for class exercises and essays.

The following books and reports are recommended for reading and reference:

Gardiner, E. N., *Athletics of the ancient world* (O.U.P., 1930).

Rice, E. A., *Brief history of physical education* (Barnes, 1929).

Nixon and Cozens, *Introduction to physical education* (Saunders, 1938 or later edition).

Williams, *Principles of physical education* (Saunders, 1938).

Jacks, L. P., *Education of the whole man* (U.L.P., 1931).

Jacks, L. P., *Education through recreation* (U.L.P., 1932).

Jacks, M. L., *Physical education* (Nelson, 1938).

Smithells, Philip A., *Atlantic gap* (1948).

British Medical Association, *Report of the Physical Education Committee* (1936).

Randall, M. W., *Modern ideas on physical education* (Bell, 1952).

McIntosh, P. C., *Physical education in England since 1800* (Bell, 1953).

Munrow, A. D., *Pure and applied gymnastics* (Edward Arnold Ltd., 1955).

McIntosh, Munrow, Dixon and Willetts, *Landmarks in the history of physical education* (Routledge and Kegan Paul, 1957).

813. History of Education.

This course is the same as that required for one section of the B.A. course in Education, and takes two hours a week for about half the year. Additional periods dealing more specifically with the history of physical education are also arranged.

Students who have done little or no reading in ancient history are advised to read:

Breasted, J. H., *Ancient times* (Ginn).

Main book to be read:

Boyd, W., *History of western education* (Black).

Other books which may be usefully read:

Curtis and Boulton, *A short history of educational ideas* (Univ. Tutorial Pr.).

Monroe, P., *Brief course in the history of education* (Macmillan).

Cubberley, E. P., *History of education* (Mifflin).

Butts, R. F., *A cultural history of education* (McGraw-Hill).

Eby, F., *The development of modern education* (Prentice-Hall).

Eby, F., and Arrowood, C. F., *History and philosophy of education, ancient and medieval* (Prentice-Hall).

Brubacher, *A history of the problems of education* (McGraw-Hill).

It will be possible for students taking this course to take the other part of the course, in the theory of Education, in order to complete the requirements of Education as a subject for the degree of B.A.

814. Psychology (for Physical Education Students).

This special course is intended to provide a general introduction to Psychology and to the applied field of physical education.

Term I.—Lecture courses as for Psychology IA; see Syllabus No. 80.

Term II.—Special course of lectures on behaviour in a social situation, emphasising problems of leadership and the functioning of small groups.

Term III.—The Psychology of play and recreation.

Text-books:

Ruch, *Psychology and life* (Scott Foresman, N.Y.).

Oeser, O. A., *Teacher, pupil and task* (Tavistock).

References:

Weir, L. H., *Europe at play* (Barnes, 1937).

Butler, G. D., *Introduction to community recreation* (McGraw-Hill, 1940).

Pearse, I. H., and Crocker, *Peckham experiment* (Allen and Unwin, 1944).

Mitchell, E. D., and Mason, B. S., *Theory of play* (Barnes, 1939).

816. Practical Work.

Candidates are required to attend demonstrations and to take part in practical exercises in various branches of physical activity for two years. Each year's work requires about 12 periods a week throughout the academic year. Attendance at practical classes is compulsory.

Students are required to achieve a reasonable standard of proficiency and teaching skill in the various branches. There is no formal examination, the student being assessed on his work throughout the year. The Lecturer-in-Charge has, notwithstanding, the right to prescribe a formal examination in any one or all branches of practical work.

Except in special cases approved by the Board of Studies in Physical Education a candidate who fails in more than one subject of either part will be required to repeat the whole of the practical work of that part. Part I must be completed before Part II is taken.

PART I:

For men: Gymnastics and minor games; dancing; organised sports and physical recreational activities; swimming; hiking and camping.

For women: Gymnastics and minor games; organised sports and physical recreational activities; dancing; swimming; hiking and camping.

PART II:

For men: Gymnastics and minor games; athletics and organised sports; swimming; combative exercises; hiking and camping.

For women: Gymnastics and minor games; athletics and organised sports; swimming; dancing; hiking and camping.

The course in swimming is spread over two years and a standard approximating that of the Royal Life Saving Society's Bronze Medallion is expected to be reached.

A prescribed gymnastic costume must be worn for all practical subjects.

817. Practical Teaching.

The prescribed practical work consists of attendance at about thirty sessions (about 90 hours) for demonstration and discussion lessons, and approximately ten weeks (or its equivalent, not necessarily consecutive) of teaching practice in such schools and under such conditions of supervision and reports as may be approved.

In addition to this work in schools, teaching practice and leadership experience may be prescribed for students in clubs, camps, and playgrounds either during term or in vacation.

DIPLOMA IN SOCIAL STUDIES

Intending students should seek an interview by appointment with the Head of the Department of Social Studies.

831. Economics.

Candidates may take either the course in Economics I (151) or Social Economics (150).

832. Psychology I.

The course will be that prescribed for Psychology I (81).

833. Human Biology B.

The course consists of two lectures or lecture-demonstrations a week for three terms.

The first lectures deal with the characteristics of living matter in general, the living cell, and the basic structure of different animal groups thus presenting man as a member of a species with an evolutionary history and with a definite relationship to other members of the animal kingdom. Next follows a description of the basic tissues of the body and their repair following injury, and then, at some length, the anatomy of the different systems of the body is discussed together with their microscopical structure and functions, an attempt always being made to relate structure and function. With each system a brief account of its evolution is given and some aspects of its pathology are discussed in so far as these can be simply related to the normal. Following after the skin these lectures deal with the skeleton and joints, the muscular and nervous systems, the sense receptors, the circulatory and respiratory systems, the alimentary tract and associated organs, the excretory system and the ductless glands: the last system discussed is that concerned with reproduction and this leads to an account of the embryological development and growth of the body and the normal and abnormal growth of tissues. Then heredity and environment are considered as factors concerned in normal development and in the production of congenital disease. Lastly, bacteria, viruses and zoal parasites of man are briefly discussed and their effects on normal bodily function considered.

In general, the course is designed to serve as an introduction to biological science for students with little or no previous knowledge of the subject. The main emphasis is on the normal anatomy and physiology of man placed in his proper zoological perspective.

Books recommended for reading and reference:

- De Coursey, R. M., *The human organism* (McGraw-Hill).
 Williams, J. F., *Textbook of anatomy and physiology* (Saunders).
 Dale, A., *An introduction to social biology* (Heinemann).
 Haldane, J. B. S., and Huxley, J. S., *Animal biology* (O.U.P.).

834. Biology.

The course will be that prescribed for Biology (269) and may be taken as an alternative to Social Biology B (833).

836. Social Work I.

A course consisting of two lectures a week throughout the academic year, and individual tutorials.

SYLLABUS:

(a) Definition, field, history and objectives of social work.

Introduction to the field and the methods of social work against a historical background. Generic methods and processes by which social work is practised within the framework of the philosophy and ethics of the profession; an introduction to social case work, social group work, and community organisation as inter-related methods; the professional relationship in social work.

(b) Introduction to the functions and policies of social agencies: their relation to the community and its needs. The social worker's use of community resources.

FIELD WORK.—During the first term and part of the vacation, students are required to undertake a field study of community development. A series of visits of observation is arranged to give a background understanding of the structure and functioning of the community and its resources for social work; data from these visits will be integrated with the study of the provision and maintenance of services in various areas of social welfare. Students will be required to keep records of their visits and to attend tutorials.

Each student is also required to work in a social agency under the guidance of a trained supervisor for six continuous weeks during the long vacation, or for an equivalent period.

Text-books:

- Fink, A. E., Wilson, E. E., and Conover, M. B., *The field of social work*, 3rd edition (Henry Holt, 1955).
 Friedlander, W. A., *Introduction to social welfare* (Prentice-Hall, 1955).
 Stroup, H. H., *Social work, an introduction to the field* (American Book Co., 1953).
 Towle, C., *Common human needs* (Federal Security Agency, U.S.A.).
 References to additional reading will be given by the lecturers.

841. Social History.

Candidates may take the course in Politics I (61), or History IIB (55), or Social History (51).

842. Psychology IIB.

The course will be that prescribed for Psychology IIB (83).

843. Physiology.

The course consists of two lectures a week in the first and second terms and one a week in the third term. It deals with: Blood, lymph and tissue fluid; circulatory system: heart and vessels; respiration: essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; essentials of nerve and muscle physiology.

Text-books:

- Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).
 Best, C. H., and Taylor, N. B., *The living body* (Chapman and Hall).
 Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).
 Winton, F. R., and Bayliss, L. E., *Human physiology* (T. and A. Churchill, 1955).

844. Human Nutrition.

The course will be that prescribed for Human Nutrition (807) and may be taken as an alternative to Physiology (843).

846. Social Work II.

Three lecture-discussions a week throughout the academic year, and individual tutorials.

SYLLABUS:

(a) The methods of social work.

- (1) *Social case work*: Basic concepts; inter-relationships of client, social worker, agency and community. Dynamics of the professional case work relationship as norm-regulated social interaction. Development of professional skills—interviewing, recording, case study. Case work process. Case work in primary and secondary settings. Interaction of individual and social problems. Critical review of theoretical approaches to case work method. Discussion of selected cases and students' own material.
- (2) *Social group work*: Introduction to the theory and method of working with groups; social processes in formal and informal groups; role of the leader; use of programmes.
- (3) *Community organisation*: Historical background; community organisation as a generic process in social work; role of the professional consultant in encouraging communities to define and meet their own needs; programmes of co-ordinating agencies designed to facilitate co-operative action.

(b) Mental health as it relates to the practice of social work.

- (1) *The mental health of the child*.—Growth, development and needs of the normal child in relation to parental care and the responsibility of society; consideration of children with special needs, such as the socially deprived, the physically and mentally handicapped, the emotionally disturbed and the delinquent; methods and skills in foster care, institutional placement, adoption, and use of community resources such as schools, health agencies and child guidance.
- (2) The mental health of the adolescent, the adult, and the ageing person in relation to social and cultural context.
- (3) *Pathological development of personality*, its manifestations in deviant behaviour and its social implications. The social worker's role in recognition, prevention, and correction of behaviour disorders through individual and community resources. Diagnostic classification of mental disorders, including the neuroses, the psychoses, organic and functional, psychopathic personality and the epilepsies. Significance of social factors; social worker's role in case study, treatment and after-care.

FIELD WORK.—Each student will be required to work in social agencies under the guidance of trained supervisors for two days weekly during the first and second terms and for six continuous weeks in the long vacation, or for an equivalent period.

Books—

Reference books:

- Freud, Anna, *The ego and the mechanisms of defence* (Hogarth Press, 1937).
 Garrett, A., *Interviewing* (Family Service Association of America).
 Hamilton, G., *Social case recording* (Columbia U.P.).
 Hamilton, G., *Theory and practice of social work* (Columbia U.P.).
 Kluckhohn, C., Murray, H. A., and Schneider, D. M. (eds.), *Personality in nature, society and culture* (2nd edition revised, Knopf, 1953).
 Saul, Leon J., M.D., *Emotional maturity* (J. B. Lippincott Co., 1947).
 Perlman, H. H., *Social casework* (Chicago U.P.).

Group work:

- Coyle, G., *Group work and democratic values* (Association Press).
 Klein, A., *Society, democracy and the group* (Whiteside).
 Konopka, G., *Group work in the institution* (Whiteside).
 Lindsay, A., *Recording in group work* (Woman's Press).
 Klein, J., *The study of groups* (Routledge, Kegan Paul).

- Trecker, H., *Social group work* (Woman's Press).
 Wilson, G., and Ryland, G., *Social group work* (Houghton, Mifflin).
 Wittenberg, R., *So you want to help people* (Association Press).
 Wittenberg, R., *The art of group discipline* (Association Press).
 Community organisation:
 Buell, B., and others, *Community planning for human services* (Columbia University Press).
 Dillick, S., *Community organisation for neighbourhood development* (Woman's Press).
 Green, Helen D., *Social work practice in community organisation* (White-side and William Morrow).
 Johns, R., and De Marche, D., *Community organisation and agency responsibility* (Association Press).
 McMillen, W., *Community organisation for social welfare* (Chicago U.P.).
 Murphy, Campbell, *Community organisation practice*.
 Ross, Murray, *Community organisation: theory and principles* (Harper Bros., 1955).
 Stroup, H., *Community welfare organisation* (Harper).
 U.K. Ministry of Education, 1944, *Community centres* (H.M.S.O., 1944).
 U.K. Home Office, *Making citizens* (H.M.S.O., 1945).

References to additional reading will be given by the lecturers.

851. Social Organisation.

One lecture a week during the three terms.

SYLLABUS.—Law and government with particular reference to social welfare: functions of federal, state and local government; boards and semi-autonomous bodies. The structure and functions of the courts. The social services viewed against an historical background and a comparative study of modern social welfare programmes. Finance of the social services. The role of voluntary organisations and their relation to statutory social services. Importance of research. The processes of social administration.

Social legislation, policies and procedures in the major branches of the Australian health and welfare services: family and child welfare; housing and town and country planning; education and school services; public health and medical care; mental hygiene; correction and prevention of crime and services for those in need of care and protection; social security programmes including unemployment and other benefits, pensions, family endowment, rehabilitation; employment services, working conditions, factory legislation, vocational guidance. The law and the social services as they relate to special categories of people such as new settlers and aboriginals, and to some special problems of social work, e.g., hire-purchase, loans, tenancy.

Books of reference:

Texts of Acts of Parliament.

Commonwealth year book.

Other references will be given throughout the lectures.

852. Sociology.

Pre-requisite subject: Psychology IIB (83).

Two lectures a week; tutorials by arrangement.

(a) SOCIOLOGY.

SYLLABUS.—Definition, scope, methods and tools of sociology; relation to the special social sciences and to social philosophy; application of scientific method to sociology. The empirical and the theoretical approach.

A conceptual scheme for analysis of the structure and processes of social systems.

Nature of social interaction; tendency to form groups; interests; the individual and society; co-operation, competition, conflict, and assimilation or acculturation; social order; personality and social order.

Social Structure: standardised action patterns; society and community; institutions and associations; status-roles; social stratification; integration of society; culture and civilization; sub-culture; structure of primitive society; growth of societies; the modern state. Demographic aspects of social structure.

Social control: the normative aspect of society; the socialization process and conformity; the mechanisms of social control; custom, morals, religion, law, convention, fashion, public opinion, education and propaganda; social controls in primitive society; adjustment and deviation.

Social change: biological geographical, technological and cultural factors; social development; social values and cultural trends; social mobility; migration and cultural assimilation; culture contacts; social disorganisation; theory of cultural lag; social problems; social planning; social aspects of town and regional planning.

Comparative study of some social institutions: marriage and the family; kinship; the state; social class; property; justice.

Functional adequacy of culture.

(b) SOCIAL PHILOSOPHY.

Values and their expression in social relationships; need of a social philosophy; ethical relativity and objectivity; the good in its relation to freedom; justice, liberty and equality; some theories of punishment; a brief historical survey of ethical thought; philosophical basis of social work; social progress.

Text-books:

- Martindale, D., and Monechese, E. D., *Elements of sociology* (Harper).
- Green, A. W., *Sociology* (McGraw-Hill).
- La Piere, R. T. A., *Theory of social control* (McGraw-Hill).

Books of reference:

- La Piere, R. T., *Sociology* (McGraw-Hill).
- Firth, R., *Elements of social organization* (Watts).
- Ginsberg, M., *Sociology* (O.U.P.).
- MacIver, R. M., and Page, *Society* (Macmillan).
- Parsons, T., *The social system* (Tavistock Publications).
- Hiller, E. T., *Social relations and structures* (Harper).
- Hobhouse, L. T., *Morals in evolution* (Chapman and Hall).
- Hobhouse, L. T., *Social development* (Allen and Unwin).
- Folsom, J. K., *Family and democratic society* (Routledge and Kegan Paul).
- Landis, J. T., and Landis, M. G., *Readings in marriage and the family* (Prentice-Hall).
- Merrill, F. E., and Eldredge, H. W., *Culture and society* (Prentice-Hall).
- Riemer, S., *The Modern City* (Prentice-Hall).
- Quinn, J. A., *Urban sociology* (American Book Co.).
- Nelson, L., *Rural sociology* (American Book Co.).
- Myrdal, A., *Nation and family* (Routledge).
- Lemert, *Social pathology* (McGraw-Hill).
- von Hentig, H., *Crime: causes and conditions* (McGraw-Hill).
- Simpson, G. E., and Yinger, J. M., *Racial and cultural minorities* (Harper and Brothers).
- Tappan, P. W., *Juvenile delinquency* (McGraw-Hill).
- Tappan, *Contemporary correction* (McGraw-Hill).
- Young, P., *Social treatment* (McGraw-Hill).
- Ogburn, W. F., *Social change* (N.Y. Viking press).
- Malinowski, B., *Crime and custom in savage society* (Paul, Trench, Trubner).
- Malinowski, B., *Scientific theory of culture and other essays* (North Carolina U.P.).
- Malinowsky, B., *Dynamics of culture change* (Yale U.P.).
- Mead, M., *From the South Seas* (Morrow).
- Nadel, S. F., *Foundations of social anthropology* (Cohen and West).
- Nadel, S. F., *Social structures* (Cohen and West).
- Strehlow, T. G. H., *Aranda traditions* (M.U.P.).
- Westermarck, E. A., *History of human marriage* (Macmillan).
- Westermarck, E. A., *Origin and development of the moral ideas* (Macmillan).
- Landtman, G., *Origin of the inequality of social classes* (Paul, Trench, Trubner).
- Warner, W. Lloyd, et al., *Social class in America* (Chicago: Science Research Associates, 1949).

- Warner, W. L. and Low, J. O., *The social system of the modern factory* (Yale U.P.).
 Benedict, R., *Patterns of culture* (Houghton, Mifflin).
 Frazer, J. G., *Golden bough* (Macmillan).
 Zimmerman, C. C., *Family and civilization* (Harper).
 Sorokin, P. A., *Contemporary sociological theories* (Harper).
 Titmuss, R. M., *Problems of social policy* (H.M.S.O.).
 Borrie, W. D., *Population trends and policies*.
 Hobhouse, L. T., *Rational good* (Watts).
 Hobhouse, L. T., *Elements of social justice* (Allen and Unwin).
 Plato, *Republic*.
 Zimmern, A. E., *Greek commonwealth* (O.U.P.).
 Tawney, R. H., *Equality* (Allen and Unwin).
 Articles in *Encyclopaedia of the Social Sciences*.
British journal of sociology (Routledge, Kegan Paul).
American journal of sociology.
Rural sociology.
Population studies (C.U.P.).
U.N. publications.

References to additional reading will be given in the lectures.

856. Social Work III.

The course comprises lecture-discussions, clinical demonstrations, tutorials, written assignments, and field work. All students are required to complete sections (a), (b), (c), (d) and (e); except that the clinical sessions in the hospital setting may be open only to those specializing in medical social work.

SYLLABUS:

- (a) Advanced study of the philosophy and theory of social work. Twenty-five lectures.
- (b) Structural-functional analysis of settings (in conjunction with sociology). Administration of social agencies; participation with, and interpretation of social work to, members of other professions.
- (c) Social work in specific fields.
 - (1) Family and child welfare. A course of approximately 30 lectures and discussion classes, throughout the three terms, in advanced case work, with some reference also to the use of the group method in case work agencies.
 - i. Family Welfare.
Inter-relationships within the family and their effects on personality and behaviour; parent-child and husband-wife relationships; marriage counselling. Atypical families; the unmarried mother and her child; immigrants. Families in various stress situations. Relationships between social agencies dealing with families.
 - ii. Child Welfare.
Case discussion is focused on case work with the child in various settings such as the child's own home, foster homes, institutions, social agencies concerned with child-placing, rehabilitation of the physically disabled, or with neglected, emotionally disturbed, uncontrolled and delinquent children.
Material to increase understanding of the child in the group is also presented. Some case discussions are arranged in the agencies.
 - (2) Medical social work.
 - i. Principles of medicine. One lecture a week throughout the three terms.
These lectures are designed to impart an appreciation of health and disease, the effects of diseases on individuals and their impact on society. Each topic chosen will be presented so that abnormal function is seen against the background of the normal, and the symptoms arising will be considered from various aspects — aetiology (physical and psycho-somatic), manifestations, and management.
 - ii. Theory and practice of medical social work. One lecture-discussion a week during the first and second terms (approx. 30 hours).

History of medicine and development of medical social work as an integrated part of medical care. The role of the medical social worker within the framework of the health and medical services, the hospital and the community; relationships with other members of the medical team and with social agencies.

The meaning of illness, disability and treatment to the patient and his family; psycho-social factors in relation to medical diagnosis.

Application of the method of social case work in the medical setting; social study of the person in a specific cultural context and of the psychological and social factors that may contribute to illness, recovery, or the working-out of a satisfactory way of living within limitations.

Contribution of the medical social worker to treatment through services concerned with the factors affecting adjustment or the patient's constructive utilization of available medical and health services.

Social group work and group psycho-therapy in a medical setting.

Students are required to present their own case material.

iii. Clinical sessions. Ten sessions of two hours.

This series of clinical presentations and discussions is conducted in the hospital by doctors and a medical social worker in time allotted to field work. It will include medical, surgical, paediatric, obstetric and geriatric cases selected for their social implications.

(3) Psychiatric social work. (Specialized field work in psychiatric settings is not yet available.)

(d) Essay. Students are required to write a comprehensive essay on a selected or approved subject during the third term. They may also be required to assist in a field study or survey.

(e) Field Work.—Each student is required to work for two and a half days a week during the first and second terms, and for ten continuous weeks after the annual examination, or for an equivalent period, *either* in family and child welfare agencies *or* in the almoner departments of hospitals and other medical agencies.

VISITS OF OBSERVATION.—Appropriate visits of observation are arranged during the third term.

Books of reference will be recommended by the lecturers.

859. Field Work.

Before qualifying for the diploma a student must satisfy the Board that he has reached a satisfactory standard in field work. See syllabuses Nos. 836, 846, and 856.

DIPLOMA IN PHYSIOTHERAPY

FIRST-YEAR COURSE.

861. Anatomy.

ANATOMY.—A course on human biology during the first term, and courses on the topographical anatomy of the extremities and trunk during the whole of the year.

HISTOLOGY AND EMBRYOLOGY.—A course of lectures, demonstrations and practical classes extending over three terms.

PRACTICAL.—Students are required to dissect the extremities and the trunk. Special demonstrations are held throughout the year.

During the third term students dissect the human brain and make themselves familiar with its major macroscopic features.

Books:

Cunningham, D. J., *Manual of practical anatomy*, latest edition (Angus and Robertson).

Lockhart, R. D., *Living anatomy* (Faber).

Hamilton, W. J., Boyd, J. D., and Mossman, H. W., *Human embryology* (Heffer).

Hewer, E. E., *Textbook of histology for medical students* (Heinemann).

For reference:

Cunningham, D. J., *Textbook of anatomy* (O.U.P.); or
 Gray, H., *Anatomy, descriptive and surgical* (Longmans).

Students must equip themselves with dissecting instruments and half a human skeleton, if procurable. Some microscopes are available for hire by students.

862. Physiology.

The course consists of two lectures a week in the first and second terms and one a week in the third term. It deals with: Blood, lymph and tissue fluid; circulatory system: heart and vessels; respiration: essentials of nutrition and energy; metabolism; heat regulation; kidney; endocrines; essentials of nerve and muscle physiology.

Text-books:

Bainbridge, F. A., and Menzies, J. A., *Essentials of physiology* (Longmans).

Best, C. H., and Taylor, N. B., *The living body* (Chapman and Hall).

Langley, L. L., and Cheraskin, E., *The physiology of man* (McGraw-Hill, 1954).

Winton, F. R., and Bayliss, L. E., *Human physiology* (T. and A. Churchill, 1955).

863. Physics (including the Physics of Medical Electricity).

The course consists of one lecture-demonstration a week throughout the year, and deals with relevant topics in Physics, viz., force, moments, and energy; temperature, heat-energy, humidity, ventilation; production and properties of infra-red, visible, and ultra-violet radiations; electricity and magnetism, including the production and properties of direct, alternating and high-frequency currents; ionization and electrolysis, shielding of apparatus, heating by high-frequency currents, etc.

The scope of the course is defined by typed lecture notes. The text-books set for Medical Electricity, together with an elementary text-book on Physics, are suitable for reference.

864. Theory and Practice of Massage and Manipulation.

The course consists of two hours a week during the second and third terms.

THEORY.—Ten lectures on history of medicine. Brief review of primitive medicine; medicine in Mesopotamia; that of the Ancient Egyptians, Persians, Indians, and Chinese. Greek medicine; the Alexandrian School; medicine in the Roman Empire; Arabic medicine; the medieval awakening; the rise of the Universities; anatomical advance and its influence on surgery; the experimental era and its wealth of discoveries; the contribution of physicists; bacteriologists; clinical teachers and pathologists to medicine; anaesthesia; nursing; outline of advances over last 100 years.

Ten lectures on the theory of massage manipulations; their effects and uses; description of general massage, and of that used for certain surgical conditions and contra-indications. Ethics.

Reference books:

Fink, D. H., *Release from nervous tension* (George, Allen and Unwin, 1950).

Jacobson, E., *Progressive relaxation* (Chicago U.P.).

Osler, W., *The evolution of modern medicine* (Yale U.P.).

Mettler, F. A., *History of medicine* (Blakiston).

Neuburger, *History of medicine* (Oxford Medical Publications).

Singer, *A short history of medicine* (O.U.P.).

Dawson, B., *The history of medicine* (H. K. Lewis).

PRACTICE (Students working on each other).—Instruction in relaxation, rhythm and other preparatory exercises. General massage for arm, leg and back.

865. Theory of Movement (including Body Mechanics and Swedish Remedial Exercises) and Practice of Remedial Exercises.

The course consists of one hour a week during the third term.

The work of Hendrik Ling and others in the development of remedial exercises.

Relaxation; co-ordination; levers; axes and planes; centre and line of gravity; the work and properties of muscles; group action of muscles; posture; examination of patient; balance; mechanics of pelvis; reflexes; fundamental starting positions.

Text-book:

Prosser, E. M., *Manual of massage and movements* (Faber and Faber).

Reference:

Wells, K. F., *Kinesiology* (W. B. Saunders).

866. Social Psychology (for Physiotherapy Students).

This special course provides a general introduction to Psychology and to the applied field of Physiotherapy.

The aim is (a) to give the student of physiotherapy some general understanding of the theories of human behaviour, (b) to specifically draw attention to individual differences in order to show that factors such as age, sex, social background, education, intelligence, emotion, motivation, etc., while not affecting physical treatments as such, often determine the way in which the treatment is presented to the patient, (c) to show how the personality of the physiotherapist is an important factor in stimulating, supporting and getting patients to co-operate and assist in carrying out the treatment.

TERM I.—Two lectures a week as for Psychology IA (Syllabus No. 80).

TERM II.—A special course of lectures for physiotherapists on the psychology of patients with reference to personality, theory, motivation and learning. Practical sessions will include (1) interviewing technique and (2) role playing as a method of understanding patients' attitude.

Text-books:

Krains and Thetford, *Managing your mind* (Macmillan).

Ruch, *Psychology and life* (Scott Foresman and Co., N.Y.).

References:

Kahn, R. L., and Cannell, C. F., *The dynamics of interviewing* (Wiley, 1957).

Bowlby, *Child care and the growth of love* (Penguin).

Valentine, *The normal child* (Penguin).

SECOND-YEAR COURSE

871. Anatomy.

ANATOMY.—Lectures on the topographical anatomy of the head and neck during the first and second terms.

NEUROLOGY.—Students attend the course of lectures on neurology given in the first term to medical students but do not take part in the practical work.

PRACTICAL.—Students dissect the head and neck.

Text-books:

No special books are required, but the following are recommended for general reading:

Jones, F. Wood, *Principles of anatomy as seen in the hand* (Baillière, Tindall and Cox).

Jones, F. Wood, *Structure and function as seen in the foot* (Baillière, Tindall and Cox).

872. Theory of Treatments and Practice of Massage.

A. TREATMENTS.—The course consists of one hour a week in the first and second terms and two hours a week in the third term.

Brief revision of causes, changes, signs and symptoms of the following conditions, with detailed aims and methods of treatment by massage and exercises: fractures, dislocations and amputations; sprains; muscle trauma; synovitis; burns, scars, pressure sores; deformities; pre- and post-natal treatments. The forms of electrotherapy which are beneficial are mentioned, but no details are given of dosage or methods of application.

B. MASSAGE.—The course consists of one hour a week throughout the three terms. Students work on each other.

General massage of head, neck, chest and abdomen. Special treatments for particular conditions. Management of bed patients, lifting, bandaging, etc.

Text-books:

Tidy, N. M., *Massage and remedial exercises in medical and surgical conditions* (Wright).

Heardman, Mrs. H., *Physiotherapy in obstetrics and gynaecology* (Livingstone).

Randall, M., *Training for childbirth* (Churchill).

Reference books:

Naylor, A., *Fractures and orthopaedic surgery for nurses and masseuses*, 2nd edition (Livingstone).

Stone, K., *Diseases of the joints and rheumatism* (Heinemann).

Cyriax, J. H., *Text-book of orthopaedic medicine*, Vols. 1 and 2 (Cassell).

Cyriax, James, *Disc lesions* (Cassell).

Read, D. G., *Childbirth without fear* (Heinemann).

Powell, M., *Orthopaedic nursing* (Livingstone).

Colson, J. H., *Rehabilitation of the injured* (Cassell).

R. Watson Jones, *Fractures and other bone and joint injuries* (Livingstone).

De Lorme, T. L., *Progressive resistance exercise* (Appleton-Century-Crofts, 1951).

873. Theory of Movement and Practice of Remedial Exercises.

The course consists of two hours a week throughout the three terms.

THEORY.—Principles for building schemes of exercises: commands; apparatus; the body mechanics, muscle work and effects and uses of all starting positions derived from the fundamental positions. Exercises as set out in Prosser, E. M., *Manual of massage and movements* (Faber and Faber). Schemes of exercises suitable for conditions benefited by remedial exercises, including pre- and post-natal work.

PRACTICE (Students working on each other).—Students are taught to take and to teach the fundamental and derived positions accurately, and the exercises as set out in Prosser, *Manual of massage and movements*. Original and educational exercises are built up for all muscle groups. Basic movement approach to physical activities and functional activities are taught. **Class work:** commands; co-ordination exercises including Frenkels. Progressive resistance exercises; use of slings and pulleys.

Students teach each other exercises suitable for the correction of postural faults, deformities, after-effects of injury, etc., and those used to assist in recovery from medical conditions.

Reference books:

Wells, K. F., *Kinesiology; the mechanical and anatomical fundamentals of human motion* (Saunders).

Goldthwait, J. E., *Body mechanics in the study and treatment of disease* (Lippincott).

Anderson, T. McC., *Human kinetics and analysing body movements* (Heinemann).

Gardiner, M. Dena, *The principles of exercise therapy* (Bell).

Bowen, Wilbur P., *Applied anatomy and kinesiology* (Henry Kimpton).

Steindler, Arthur, *Kinesiology* (Chas. C. Thomas, 1955).

874. Pathology.

The course consists of one lecture a week for three terms, and practical work in the laboratory of histopathology.

A. GENERAL PATHOLOGY.—Inflammation; infection; immunity (fever); hypertrophy and atrophy; degeneration; repair (scar tissue, adhesions, etc.); nature of tumour growth; disorders of metabolism; disorders of circulation.

B. SPECIAL PATHOLOGY.—Tumours (simple and malignant); diseases of the respiratory system; diseases of the circulatory system; diseases of the abdomen; genito-urinary conditions; diseases of the nervous system; diseases of bone; diseases of muscles; diseases of joints.

Text-book:

Boyd, W., *Text-book of pathology* (Lea and Febiger).

875. Medical Electricity.

The course consists of one lecture a week for three terms and practical work for one hour a week for three terms.

Electromedical currents: apparatus and accessories, effects, general rules for treatment. Electrical reactions of muscles and nerves: Wallerian degeneration, technique and value of testing; types of testing; electrical stimulation for treatment. Low frequency currents: galvanic current and ion transfer, faradic and sinusoidal; physics and physiological effects; technique and dangers. High frequency currents and apparatus: short-wave diathermy; physiological effects; general technique; safety rules; electrical injuries; causes. Physics of radiant energy; electro-magnetic spectrum; infra-red and luminous radiation; sources, effects, clinical use; technique and precautions. Ultra-violet radiation: physics and effects; therapy, sources, technique; indications and contra-indications.

Text-book:

Clayton, E. B., *Electro therapy and actino therapy* (Baillière, Tindall and Cox)

Reference books:

Kovacs, R., *Electric therapy and light therapy* (Kempton).

Morris H., *Medical electricity for massage students*, 3rd edition (Churchill).

Osborne and Holmquest, *Technic of electro therapy* (Baillière, Tindall and Cox).

Beckett, R. H., *Modern actinotherapy* (William Heinemann 1955 Med. books Ltd.).

876. Practical Work.

The practical work on patients is carried out at the Royal Adelaide Hospital and at the Queen Victoria Maternity Hospital.

A. OUT-PATIENTS.—Three afternoons a week throughout the three terms, approximately 270 hours.

B. IN-PATIENTS.—One hour every morning during the third term.

C. QUEEN VICTORIA MATERNITY HOSPITAL.—Students are divided into groups which attend in rotation once a week during the second and third terms.

THIRD-YEAR COURSE**881. Theory of Neuro-Muscular Re-education.**

The course consists of two lectures a week throughout the four terms.

A. General principles of muscle re-education; examination of a patient; joint movements and muscle actions in detail. Methods of testing the strength of individual muscles and muscle groups, charting muscle strength, grading the amount of muscle work. Mass movements and motor patterns. Techniques of proprioceptive facilitation.

B. Treatment of anterior poliomyelitis in detail under the headings of rest, splinting, physiotherapy (comprising muscle re-education, heat, massage and hydrotherapy), prevention of deformity and surgical treatment. Positions for splinting affected muscles; factors governing length of immobilization; relative importance of recovering muscles. Types of splints used in weight-bearing. Common deformities and muscle imbalance in anterior poliomyelitis with their pre-disposing causes. Preventive measures and treatment.

C. Treatment of cerebral palsy; reflex inhibiting positions, primitive motor patterns, and special technique of treatment.

D. Brief outline of normal child development and posture.

Reference books suggested at lectures.

882. Theory and Practice of Specialised Treatments.

The course consists of one lecture a week and daily practical instruction during the three terms, and includes the theory and practice of specialised medical and surgical treatments.

In addition, there are 8 lectures on orthopaedics by an orthopaedic surgeon, 3 lectures on chest surgery by a chest surgeon, 6 lectures on physiotherapy for chest conditions, 2 lectures on neurosurgery by a neurosurgeon, and 4 specialised lectures on the mechanical and electrical construction of machines used in medical electricity.

Reference books:

- Jones, R., and Lovett, R., *Orthopaedic surgery* (Oxford Medical Publications).
 Forrester-Brown, M. E., *Diagnosis and treatment of deformities in infancy and early childhood* (Oxford Medical Publications).
 Walshe, F. M. R., *Diseases of the nervous system* (Livingstone).
 Knudsen, K. A., *Text-book of gymnastics* (Churchill).
 Smith, O. Guthrie, *Rehabilitation; re-education and remedial exercises* (Baillière, Tindall and Cox).
 Angove, Hester, *Remedial exercises for certain conditions of the heart and lungs* (Faber).
 Fletcher, E., *Medical disorders of the locomotor system including rheumatic diseases* (Livingstone).
 Cash, Joan E., *Text-book of medical conditions for physiotherapists* (Faber and Faber).
 Kendall, H. O. and F. P., *Posture and pain* (Williams and Wilkins).
 Allen, Edgar, Van Nuys, and others, *Peripheral vascular diseases* (Saunders).
 Munro, Donald, *Treatment of injuries of the nervous system* (Saunders, 1952).
 Rusk, H. A., *Living with a disability* (Blakiston, 1953).
 Buchwald, Edith, *Physical rehabilitation for daily living* (McGraw-Hill 1952).
 Bartholomew, A. E., *The treatment of gravitational ulcers by physiotherapy* (London, Facsimile Letter Press, 1953).
 Buchwald, Edith, *A bladder and bowel training program for patients with spinal cord disease* (Rehabilitation Monograph III).
 Storey, G. N., *Thoracic surgery for physiotherapists* (Faber and Faber).

883. Practical Work on Patients.**A. At the Royal Adelaide Hospital:**

The course extends over sixteen weeks. Work in the wards covers experience in orthopaedics, chest surgery, neuro-surgery, and general medical and surgical cases. Out-patient work includes class work, general treatments, and all types of electrical treatment, the Bisgaard treatment of gravitational ulcers; the Cyriax method of massage and manipulation. The students will work approximately 30 hours a week, a total of 480 hours.

B. At the Adelaide Children's Hospital:

The course comprises 30 hours a week for eighteen weeks and includes practice in the wards and the Physiotherapy Department, and instruction and practice in re-education and in the making of plaster splints. There is also one hourly tutorial each week during the three terms.

C. At the Queen Victoria Maternity Hospital:

Students attend full time for two weeks, the work covering pre- and post-natal work and clinical instruction.

D. At all hospitals, case notes must be kept and submitted for examination at the end of each term. The results are submitted to the board of examiners at the end of the year.

DEGREE OF BACHELOR OF ARCHITECTURE.

FIRST YEAR

901. Building Construction I.

General principles—Functional requirements; the building team; the building contractor. Foundations. External and internal walls. Ground floor construction and fireplaces. Roofs. Joinery—doors and windows.

Text-books:

McKay, W. B., *Building construction*, Vol. I (Longmans).

Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).

Reid, D., *Building science*, Vol. I (Longmans).

902. Mathematics.

The course will be that prescribed for General Mathematics (201).

903. Building Science I.

The nature and properties of materials; manufacturing problems; physical phenomena; density; moisture and porosity; elementary light measurement; elementary electricity.

904. History of Architecture I.

The architecture of Egypt, Mesopotamia, the Aegean, Greece, Rome, Early Christian, Byzantine and Medieval periods.

Text-books:

Allsop, H. S., *The general history of architecture* (Pitman).

Fletcher, B., *History of architecture* (Batsford).

905. Architectural Design and Planning I.

The architect in society; the role and function of architecture historically and today; building elements; building forms.

Text-books:

Robertson, H., *Principles of architectural composition* (Architectural Press).

Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

906. Architectural and Free Drawing.

Standard drawing office practice. The construction of plane figures: problems of areas, the ellipse, parabola and hyperbola. Orthographic projection; isometric and axonometric projection. The theory and practice of architectural perspective, division and measurement in perspective, angular and parallel perspective and interior perspective. Reflections in perspective. Sciagraphy. Systems of rendering in various media and drawing presentation; lettering and lay-out; creative design; colour and ornament. Free sketching.

Text-books:

Reekie, R. F., *Draughtsmanship* (Arnold).

Lee, L. A., and Reekie, R. F., *Descriptive geometry* (Arnold).

907. Studio Work I.

Practical exercises to illustrate problems arising in building construction, building science, architectural design and architectural and free drawing lectures.

SECOND YEAR.

911. Building Construction II.

Roads, paths and pavings. Retaining walls, boundary walls and fences. Upper floor construction and fireplaces. Roofing. Internal wall and ceiling finishes. Drainage and plumbing. Water services and sanitary fittings. Domestic hot water supply and heating systems. Gas and electricity services. Staircase construction. Framed timber roof construction. Windows and doors. Framed buildings—introduction.

Text-books:

- McKay, W. B., *Building construction*, Vol. 2 (Longmans).
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).
 Reid, D., *Building science*, Vol. 2 (Longmans).

912. Structures I.

Statically determinate plane frames. Shear and bending moment diagrams. Stress and strain. Theory of bending and design of beams. Deflection of simple beams and cantilevers. Properties and testing of materials.

913. Building Science II.

Electricity supply and wiring installations. Sound and acoustics. Structural properties of and treatment of materials. Sheet materials. Water proofers. Water hardness and softening systems. Structure and use of timber. Condensation. Insulation methods. Heating and ventilating.

914. History of Architecture II.

Medieval and Renaissance architecture in Italy, France, England, Spain and Germany. The Regency, 19th and 20th centuries architecture with colonial adaptations. The early architecture of Australia and its development to the present day.

Text-books:

- Allsop, H. S., *The general history of architecture* (Pitman).
 Fletcher, B., *History of architecture* (Batsford).

915. Architectural Design and Planning II.

The theory of planning including programme organisation: grouping and circulation. The science of colour and decoration. The use of three-dimensional models.

Text-books:

- Robertson, H., *Principles of architectural composition* (Architectural Press).
 Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

916. Studio Work II.

Practical exercises to illustrate building construction, building science and architectural design lectures.

THIRD YEAR.

921. Building Construction III.

Timber frame construction. Joinery, cupboards, etc., and hardware. Steel frame construction. Concrete slab floors and roofs. Stepped foundations. Specifications and quantities. Joinery, fittings, etc. Special doors and windows. Design of load-bearing brickwork: crosswall construction. Panel walling. Roofs and rooflights. Staircases, fire-resisting and special. Office organisation; site work and supervision. Shoring; timbering to trenches. Designed foundations.

Text-books:

- McKay, W. B., *Building construction*, Vol. 3 (Longmans).
 Sharp, W. W., *Australian methods of building construction* (Angus and Robertson).
 Reid, D., *Building science*, Vol. 3 (Longmans).

922. Structures II.

Deflection of beams. Principal stresses. Compound beams including reinforced concrete. Combined bending and axial stress. Compression of slender struts. Deflections of framed structures. Bolted, riveted and welded joints. Three-pin arch.

923. Building Science III.

Concreting cements and special cements; dense and lightweight concretes. Surface finishes; pre-cast products. Agents of decay in building materials. Thermal properties of materials. Artificial illumination. Ceramics.

924. Professional Practice I.

Specifications.

Text-books:

The general law of building contracts.

Willis, A. J., *Specification writing for architects and surveyors* (Lockwood).

925. Surveying.

The construction, use and adjustment of surveyor's dumpy level, theodolite, the Cowley level, optical square, Abney's clinometer, plane table, steel tape and staff. Chain surveys, levelling, traverses, measurements and setting out of earth-work; simple tacheometry and computation of traverses and levels; areas and volumes with straight and irregular boundaries; the determination of azimuth. Plotting and finishing plans and sections. The planimeter.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable), or

Knight, B. H., *Surveying and levelling for students* (Contractors Record).

926. Architectural Design and Planning III.

The relationship of planning to environment. Contemporary architectural form. Housing. Visual arts. Landscape and silviculture.

Text-books:

Robertson, H., *Modern architectural design* (Architectural Press).

Robertson, H., *Principles of architectural composition* (Architectural Press).

Atkinson, R., and Bagenal, H., *Theory and elements of architecture* (Benn).

927. Studio Work III.

Practical exercises to illustrate building construction, building science and architectural design lectures.

FOURTH YEAR.**931. Building Construction IV.**

Fire services, requirements, etc. Structural economics. Internal finishes to floors, walls, ceilings. Ductwork. Specification. Glass brick and glass concrete construction. Roof coverings and lights. Steel-framed buildings. Special structures: factories, large span roofs, etc. Lifts and escalators. Multi-storey buildings in concrete. Cladding of framed structures. Unorthodox framed structures. Movement in buildings. Exposed concrete finishes. Natural and reconstructed stone.

932. Structures III.

Analysis of indeterminate framed structures. Two-pin arches. Multi-storey building frames. Moment distribution. Concrete mix design. Design of reinforced concrete members.

933. Building Science IV.

Fire resistance of building materials and protective methods. Illumination. Bearing properties and classification of soils. Protection and decoration of materials and surface finishes. Moisture movement of materials.

934. Professional Practice II.

The Building Act; Building by-laws. The client relationship. Research. Consultants. Costing and bills of quantities. The contract and tendering procedure. Site organisation and responsibility. Office records, certifications and accounts. Site supervision.

Text-books:

Eggleston, H. S., *The practising architect* (M.U.P.).

The Building Act, 1923-53.

Willis, A. J., *The elements of quantity surveying* (Lockwood).

935. Town and Country Planning and Civic Design.

The history of town planning. Study of the historical background and examples. The history of Australian towns. The development of transportation. Planning techniques today. The garden cities movement. The town planning pioneers. The practice of town and country planning. The principles of civic survey and the study of a modern town planning scheme. Outline of planning legislation. Regional and national planning with reference to economics, sociology and demography.

Text-books:

Sharp, T., *Town planning* (Penguin).

Brown and Sherrard, *Town and country planning* (M.U.P.).

936. Studio Work IV.

Practical exercises to illustrate building construction, and building science, and more advanced design projects.

FIFTH YEAR.**941. Structures IV.**

Soil mechanics. Column analogy. Plastic theory of design. Pre-stressed concrete. Experimental stress analysis. Three-dimensional framed structures.

942. Building Science V.

The design and control of concrete. Water supply and treatment methods. The design and operation of sewage disposal systems. Problems of corrosion, inhibitors and treatment. Specialized problems of acoustics, illumination, soil stabilization, street lighting, etc.

943. Professional Practice III.

The code of professional conduct. The standard form of contract and the law of building contracts. Disputes and arbitration. Bankruptcy and liquidated damages. Programming and progress contracts. Building Act, public health and town planning by-laws or enactments. Dilapidations. The organisation of Government and Local Government Departments. The standard fee scales.

Text-book:

Eggleston, H. S., *The practising architect* (M.U.P.).

944. Studio Work V.

Practical exercises to illustrate building science lectures and advanced projects in architectural design.

945. Architecture Thesis.

To be on a selected and approved subject involving architectural design and constructional problems and to be accompanied by a suitable report.

946. Honours Degree of Bachelor of Architecture.

For Honours students additional seminar courses will also be made available in 4th and 5th years dealing with the following subjects:

Civic design.

Landscape architecture.

Building science.

Industrial design.

Factory production and prefabrication.

Housing.

Architecture and climate.

The visual arts in building.

FACULTY OF TECHNOLOGY.

1001. Structures I (T).

Pre-requisite subject: Pure Mathematics I (T) (1151).

Pre-requisite or concurrent subject: Applied Mathematics (T) (1153).

Lectures:—Fundamentals of statics, trusses and simple connections, stress and strain, theories of failure, properties of materials and tests, statically determinate beams and special problems, columns, design of timber, concrete and steel members, basic indeterminate structures, torsion, dynamic loads, forces in space.

Practical work:—Mechanical testing of materials. Application of lectures to design problems.

Text-book:

Trathen, R. H., *Statics and strength of materials* (Wiley).

Reference-books:

Wilbur and Norris, *Elementary structural analysis* (McGraw-Hill).

Urquhart and Rourke, *Design of concrete structures* (McGraw-Hill, 1958).

Hansen, H. J., *Modern timber design* (Chapman and Hall).

Gaylord and Gaylord, *Design of steel structures* (McGraw-Hill).

1002. Civil Engineering A.

Pre-requisite subject: Structures I (1001).

Lectures: Influence lines, statically indeterminate trusses, beams and frames, design of structures in steel and concrete, experimental methods.

Practical work: Design problems in conjunction with lecture. Seminars.

Reference-books:

Timoschenko, S., and Young, D. H., *Theory of structures* (McGraw-Hill, 1945).

Kinney, J. S., *Indeterminate structural analysis* (Wesley).

Lin, T. Y., *Design of prestressed concrete structures* (Wiley, 1955).

1003. Civil Engineering B.

Pre-requisite subjects: Surveying IA (1008), Applied Mathematics (T) (1153), Hydraulics (T) (1211), Pure Mathematics II (T) (1152) and Structures I (1001).

Lectures:—Accommodation requirements; drainage and preparation of the subgrade; materials used in construction of pavements; design and construction of pavements; accessories.

Surveying problems involved in the selection, pegging and construction of routes for railways, roads, or other services.

Sources of water supply; storage; design and construction of dams other than concrete and masonry; outlet and distribution works for water supply; examination and treatment of water and water supplies; population forecasts; systems of sewerage; sewer reticulation; hydrogen sulphide problems; sewage treatment and disposal.

The elements of soil mechanics and classification including earth pressure and bearing capacities; exploration and testing of foundations, and their design and construction. Column and wall footings, piles and piling, piers and abutments, cofferdams, and pneumatic caissons.

Practical work: Project on water supply and/or sewage. Laboratory work covering soil classification and testing. Excursions to industrial plants and water and sewage treatment plant.

Text-books:

Terzaghi, K., and Peck, R. B., *Soil mechanics in engineering* (Wiley, 1948).

Steel, E. W., *Water supply and sewerage* (McGraw-Hill, 1953).

Reference-books:

Capper, P. L., and Cassie, W. F., *Mechanics of engineering soils* (Spon., 1953).

Tschebotarioff, G., *Soils mechanics foundations and earth structures* (McGraw-Hill).

- Schultz, J. R., *Geology in engineering* (Wiley, 1955).
 Fair, G. M., and Geyer, J. C., *Water supply and waste water disposal* (Wiley, 1954).
 Babbitt, H. E., and Doland, J., *Water supply engineering* (McGraw-Hill, 1955) (Relevant British codes of practice).
 Imhoff, K., and Fair, G. M., *Sewage treatment* (Wiley).
 Rudolff, W., *Industrial wastes* (Reinhold).

1004. Structures II (T).

Pre-requisite subject: Structures I(T) (1001).

Three design projects covering timber, concrete and steel design.

Text-books:

As for Structures I (1001). A reading guide will be supplied at the beginning of the course.

1005. Methods of Construction and Management.

A course of 33 lectures dealing with typical construction problems in the fields of buildings, transport, water supply and marine engineering, handling of materials, items of plant, performance and maintenance, job organisation, and personnel administration.

Text-book:

Kellogg, F. H., *Construction methods and machinery* (Prentice-Hall).

Reference book:

U.S., Bureau of Reclamation, *Concrete manual*.

1006. Soils Investigations.

Lectures: Engineering geology; classification of soils; field methods of sampling and testing; standard tests; application of soils mechanics.

Practical work: Laboratory work covering soil classification and testing.

Text-books:

Nash, K. L., *Elements of soil mechanics* (Constable).

Schultz, J. R., *Geology in engineering* (Wiley).

1007. Town Planning Practice.

Lectures:—General: the nature and purpose of planning; the scale of planning.

The practice of planning—investigation or survey followed by analysis of existing conditions; the mobility of the community's needs; types of towns and communities; rural planning; relationship between town and country.

Bases and recommendations of contemporary public reports.

Survey and analysis—the contents of survey; organization of survey—collection of data, interpretation and analysis of data; conclusions to be drawn.

Land use—agriculture, recreation, open space, residential areas, etc.; population densities; commercial and industrial areas; schools, hospitals, service industry; reservation of sites.

Zoning—density, coverage and height.

Communications—road, rail, water and air; different types of roads, railways, stations, airports, etc.

Building developments—choice of site, component parts of the plan and their requirements.

Principles and elementary economics of estate development; tree planting, public services, building lines, skylines, etc.

Methods and realization: the master or broad outline plan, its purpose as a foundation for action by local authorities and private enterprise; the detail plan, technique of presentation, maps, models, statistics, graphs, reports.

Text-book:

Abercrombie, Sir Patrick, *Town and country planning* (O.U.P.).

Reference-book:

Unwin, Sir Raymond, *Town planning in practice* (Batsford).

1008. Surveying IA.

Lectures: The construction, adjustment, and use of instruments; chain surveys; levelling; traverses; measurement and setting out of earthworks; curve ranging; computation of traverses and levels; areas and volumes with straight and irregular boundaries; stadia measurements. plotting and finishing plans, sections, and tracings.

Practical work: Three hours a week throughout the year. Chainage, detail survey, levelling, stadia, compass survey, plane tabling, setting out works, adjustment of instruments, calculations and plans connected with above.

Civil Engineering and Surveying students will be required to attend a survey camp.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I (Constable, 1946).
Chambers, *Seven figure mathematical tables*.

1008A. Survey Camp.

Before attending the survey camp, students must have attended lectures and practical classes in Surveying IA (1008).

The survey camp is held towards the end of the academic year, and is of two weeks' duration. A subject fee of £3/3/- is charged. Accommodation and stretchers are provided, but bedding and transportation are the student's responsibility.

A charge is also made to cover the cost of meals provided. Each student must obey all regulations whilst in camp.

All plans, field notes and computations must be completed satisfactorily, and handed to the lecturer-in-charge at the closing of the camp.

A candidate whose work is deemed unsatisfactory by the lecturer-in-charge will not be credited with attendance at the camp, and he may be required to do additional practical work during the first term of the following year, or to attend another survey camp.

Entry for the camp must be made at the School of Mines not later than 31st October, for that year's camp.

1009. Surveying Computations.

Pre-requisite subject: Surveying IA (1008).

Computations connected with plane surveying; three-point and similar problems; calculation of heights and distances; tacheometric surveying; calculations in connection with mine surveying; adjustment of discrepancies in surveys; problems connected with setting out areas; calculations for setting out circular and parabolic curves and road secants, elementary spherical trigonometry.

Reference-book:

Horner, *Survey computations* (S.G.O. Malaya, 1950).

1010. Surveying II.

Pre-requisite subjects: Surveying IA (1008), Pure Mathematics I (T) (1151), and Physics I (T) (1141).

Concurrent subject: Surveying Computations (1009).

Lectures: The plane table, curves, barometric, trigonometric and precise levelling; surveys for roads, railways, water supply and irrigation; quantities, hydrographic and topographic surveying; theory of errors.

Practical work: Three hours a week throughout the year covering plane table surveys, curve work and levelling. Application of theory of errors to field work. Requirements for engineering surveys. Calculations and preparation of plans.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. I., 1946 and II, 1944.
Kissam, P., *Surveying for civil engineers* (McGraw-Hill, 1955).

Reference-book:

Higgins, A. L., *Higher surveying* (Macmillan).

1011. Land Surveying Design and Drafting.

Introduction; use of drafting equipment; survey drafting; preparation of plans from field notes; map projection; special types of survey drafting (including engineering, hydrographical, geological, hydrological, geophysical, mining); graphical representation; drafting for reproduction; models.

Reference-books:

Robinson, A. H., *Elements of cartography* (Chapman and Hale, 1953).
 Raisz, E., *General cartography* (McGraw-Hill, 1948).

1012. Mine Surveying.

Pre-requisite subjects: Surveying IA (1008) and Surveying Computations (1009).

Lectures: Equipment; basic definitions; underground and surface surveys; setting out and control of tunnels; maps, projections and models; exploration surveys; shaft plumbing; various types of survey instruments.

Practical work: Three weeks practical work during vacation by arrangement with a mining company.

Reference book:

Staley, W. W., *Introduction to mine surveying* (Stanford U.P., 1953).

1013. Photogrammetry.

Concurrent subject: Geodesy (1014).

Lectures: History; perspective; photographic materials; aerial cameras; aerial and terrestrial photography; geometrical principles; flight — ground control; methods of plotting; plotting instruments; production of maps.

Practical work: Six hours a week throughout the year; field procedures; calculations and use of various plotting machines.

Reference-books:

American Soc. of Photogrammetry, *Manual of photogrammetry*, 1951.
 Zeller, M., *Text-book of photogrammetry* (Lewis, 1952).
 Schwedfsky, K., *Text-book of photogrammetry*.
 Hart, C. A., *Air photograph applied to surveying* (Longmans, 1943).

1014. Geodesy.

Pre-requisite subjects: Pure Mathematics II (T) (1152), Surveying II (1010) and Astronomy (1015).

Lectures: The oblate spheroid; reconnaissance surveys; base line measurement; recording methods; theory of errors—adjustment of observations; the spherical triangle; precise levelling; adjustment of level nets and traverses; topographical surveying for mapping; map projections; transformation of grid coordinates.

Practical work: Three hours a week for three terms; field observations; computations concerned with problems as covered in lectures.

Text-book:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).

Reference-books:

Hosmer, G. L., *Geodesy* (Wiley, 1929).
 Bomford, G., *Geodesy* (O.U.P., 1952).

1015. Astronomy.

Pre-requisite subjects: Surveying IA (1008), Pure Mathematics I (T) (1151), Physics I (T) (1141).

Lectures: Spherical trigonometry; position by simple and precise methods; position lines; errors in instruments and observations.

Practical work: Three hours a week throughout the year. Determination of latitude, azimuth, time and longitude. Practical sessions will be held both in the day and evening.

Text-books:

Clark, D., *Plane and geodetic surveying*, Vol. II (Constable).
 Chapman, R. W., and Mackie, J. W., *Astronomy for surveyors*, 5th edition (Griffin, 1953).
 Star almanac for surveyors.

Reference-books:

Roelofs, R., *Astronomy* (Ahrend, 1950).
The Nautical Almanac, current edition.

1016. Laws and Regulations Governing Surveys.

The Acts and Regulations relating to:—

- (a) Surveys of land for purposes of title; subdivision of land; opening and closing roads and rights-of-way; the acquisition of land for special purposes.
- (b) Surveys of mines both surface and underground.
- (c) Town planning and regional planning.
- (d) Systems of tenure.

1017. Law in Relation to Planning.

The questions set on this syllabus relating to Acts other than Planning Acts will be framed with a view to testing the general knowledge of the candidate and his ability to refer to the appropriate sources for precise information.

Forms and functions of central and local government; history of planning legislation from 1909 to the present date; other acts relating to planning in so far as they are related; acts dealing with the compulsory acquisition of land and assessment of compensation and betterment; powers of local authorities; private bill procedure; principal acts governing public utilities; statutory planning procedure and the conduct of planning inquiries.

Books:

Heap, D., *An outline of the new planning law* (Sweet and Maxwell).
 Clarke, J. J., *Local government of the United Kingdom* (Pitman).
 Tabort, T. G., *Turner's public health law* (St. Bride's Press).
 Hill, H. A., *The complete law of housing* (Butterworth).
 Baker, H., *Commons: what they are and how protected; and commons: village greens and other open spaces. Commons: open spaces and footpath preservation society.*
 Dimock, M. E., *British public utilities and national development* (Allen and Unwin).

1018. Land Valuation Principles and Practice.

Depth appraisalment, corner lots, dual frontage lots, lanes, alleys, triangular and irregular lots. Office blocks, shops, warehouses, commercial buildings, houses of all kinds, investment properties, industrial buildings and factories. Agricultural, pastoral, dairy and orchard properties. Licensed premises, subdivisional lands, compulsory acquisition, fractional interests, fluctuating rentals, depreciation. Obsolescence, added value, dilapidations, special purpose valuations, sales analyses, and sinking funds.

Text-book:

Ferris, A. C., *Principles and practice of land valuation* (1946).

1019. Applied Geology and Economic Geography.

The questions set on this syllabus will be framed with a view to testing the general knowledge of the candidate and his ability to refer to the appropriate sources for precise information.

(a) Applied Geology:

Classification of the solid rocks; classification, native relative permeability and distribution of the superficial deposits; the relation of geology to surface relief, scenery, soil fertility and agriculture; principles underlying the construction and interpretation of geological maps and sections; the processes of watering and erosion; water supply from surface and subterranean sources; mode of occurrence and distribution in Australia of coal, iron ore, salt and gypsum and methods of mining or extraction; the principal types of soils and their characteristics.

(b) Economic Geography:

- a. Land utilization.
- b. Distribution of urban and rural population.
- c. Distribution of chief mineral and power resources.
- d. Location of industry and of chief commercial centres.
- e. Transport.

Text-books:

- Watts, W. W., *Geology for beginners* (Macmillan).
 Dudley, Stamp L., *Britain's structure and scenery* (Collins).
 Dudley, Stamp L., and Beaver, S. H., *The British Isles: A geographical and economic survey* (Longmans).
 Ordnance survey, *A description of ordnance survey maps, large and small scale maps*.
Maps of National Atlas being prepared by the Ministry of Town and Country Planning and issued by Ordnance survey.

Reference-books:

- Leggett, R. F., *Geology and engineering* (McGraw-Hill).
 Bilham, E. G., *The climate of the British Isles* (Macmillan).
 Walters, R. C. S., *The nation's water supply* (Nicholson and Watson).
 Dudley, Stamp L., *Commercial geography* (Longmans Green).

1021. Building Science I (T).

Building stones and reconstructed stone. Limes, cements and plasters. Pozzolans. Aggregates. Mortars. Carbide mortars. Design of concrete mixes. Clay bricks, terracotta, earthenware, stoneware. Tiles. Fireclay. Bitumen, asphalt, coal tar. Timber, growth, seasoning, grading, preserving. Veneers and hardboard. Glues. Ferrous metals. Non-ferrous metals. Alloys. Welding, soldering, brazing, riveting, etc. Electrolysis and corrosion. Protection of metals. Asbestos cement. Insulative materials. Plastics. Paints.

1022. Building Science II (T).

Pre-requisite subject: Building Science I (T) (1021) must have been passed previously or must be taken concurrently.

(a) Properties and uses of materials.

Thermal insulation: Heat transfer and transmittance.

Insulation of walls, floors and roofs.

Design for climate: Climatic zones of Australia. Natural ventilation (domestic). Elementary heating (domestic).

Properties and use of acoustic materials: Sound. Noise. Sound transmission. Insulation of partitions, doors, windows. Fixing absorptive materials.

Fire protection: Effect of fire in buildings. Fire risk of materials, ratings. Insulation.

Lighting: Daylight penetration and factor. Reactions of surfaces and colours.

(b) Sanitary science.

A course of lectures and series of visits, where practicable, to works in progress. The lecture work embodies principles and practice of Sanitation, both in metropolitan and country areas, with particular treatment of drainage, soil, and waste disposal.

The subject matter is as follows: Sewerage and trade wastes, types of drain and drain laying, jointing methods, trenches and trench timbering, drain testing, cisterns and flushometers, water supply and storage; wells and subartesian supply, sewerage ejectors, traps, trap syphonage and protection, ventilation of drains and waste pipes, fittings and fixtures used in building, lay-out and design of sanitary plumbing installations.

1023. Building Science III (T).

Pre-requisite subject: Building Science II (T) (1022) must have been passed previously or must be taken concurrently.

(a) Building Plant A.

Planks—timber to be used, dimensions and safe loads, methods of preservation; ropes—Manilla, coir and hemp ropes, breaking strains; steel ropes—sizes and safe loads and care; slings and hooks; scaffolding—its types and uses, such as stools and frenchmen, wooden scaffolding, steel tubular scaffolding, mobile scaffolding, swing scaffolds, traversing swing scaffolding, hanging scaffolds, ladders, steps, etc., safety precautions; builders' offices and sheds; branding of scaffolding and plant; concrete mixers—types and sizes, maintenance, outputs, aerating mixers; batch

mixers for large construction; hoists and winches—single rope hoists, platform hoists, bucket hoists, mobile hoists: their capacities, erection, maintenance and care; elevators—their uses, care and maintenance; cranes—derrick cranes, their sizes, capacities, uses and erection, assembly and dismantling problems; mobile cranes—types, sizes, maintenance and uses; compressors—uses of air tools, maintenance of same, maintenance of air unit; hand tools—their uses and maintenance, drills, portable saws, gun hammers, emery wheels, manual hand tools; wood-working machines—their types, uses and maintenance; pile driving equipment; dewatering equipment; pumps—their types and uses; derrick poles, wood and steel—method of guying and lifting capacities; formwork—types of steel formwork, maintenance of steel formwork; moving formwork—its design, operation and maintenance; bulk cement equipment; concrete pumps and grout pumps; air lock equipment; concrete skips, buckets and chutes; pre-stressing equipment; internal combustion engines—their simple principle, operation, maintenance and advantages; electric motors—their simple principle, operation, maintenance and advantages; simple outline of excavators, draglines, bulldozers, graders, dump trucks, etc.; transport—commercial vehicles, their types, sizes and maintenance and uses.

NOTE: Visits to various building sites should be included in this subject.

Text- and reference books:

Rossmagel, W. E., *Handbook of rigging*.

N.S.W. *Scaffolding and Lifts Act*, 1912-1948 (N.S.W. Government Printing Office).

(b) Service and Equipment of Buildings.

A course of lectures and visits to buildings complete or under construction dealing with the principles involved in the design and provision of mechanical equipment of buildings; study of codes and regulations involved.

The course includes:—

Heating and Ventilation: Standards of comfort, humidity, air movement, transfer of heat, co-efficients, systems involved, pipe sizes, movement of air, evaporative cooling, conditioned air, duct sizes, systems involved, hot water supply, reticulation and equipment.

Electrical Installation: General principles involved with demonstrations in the electrical laboratory; wiring systems, switchboards, equipment, illumination.

Lifts, etc.: Traffic studies, capacities, types, methods of operation, safety devices, indicator systems, signalling systems.

Text- and reference books:

Carrier, Cherne and Grant, *Modern air-conditioning, heating and ventilation*.

Annett, F. A., *Electric elevators*.

S.A.A. lift code (A.S. No. CA.3.).

S.A.A. wiring rules

(Part I: Wiring methods—A.S. No. CCI Part I).

1024. Building Construction and Drawing I.

A descriptive course in elementary building construction and drawing. The lectures include the consideration of brick bonds and brick wall construction, including brick joints; building stones and masonry; ventilation and damp-proofing, foundations and footings; carpentry joints, timber floors; frame construction; brick veneer; ceilings and roofs; joinery joints; doors; windows; stairs; cupboards; building boards; plywood; roof coverings and roof plumbing.

Students study and draw to scale details of importance in buildings, commencing with simple examples, and progressing to more difficult ones requiring knowledge of building construction.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference books:

- Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).
 Nangle, J., *Australian building practice* (Brooks).
 Tullock, *Details of Australian building construction* (Keating and Wood).

1025. Building Construction and Drawing IA.

The syllabus of this course, although similar to that of Building Construction and Drawing I, is treated in a simpler way, and is designed for students who will be connected only indirectly with the building industry, or who have little experience in draughtsmanship.

Text-book:

Mitchell, G. A. and A. M., *Building construction and drawing* (Batsford).

Reference-books:

- Sharp, W. Watson, *Australian methods of building construction* (Angus and Robertson).
 Nangle, J., *Australian building practice* (Brooks).
 Tullock, *Details of Australian building construction* (Keating and Wood).

1026. Building Construction and Drawing II.

Pre-requisite subject: Building Construction and Drawing I (1024).

A continuation of the study of building construction and drawing with provisions similar to those set out in Building Construction and Drawing I.

Site requirements, excavations, foundations, shoring and underpinning, dangerous structures, joinery, fittings, glazing. Insulation, waterproofing and damp-proofing, internal and external finishes, including plastering, painting, tiling, etc. Roofs, roofing materials and roof drainage, fire resisting construction. The study of concrete, its properties and reinforced concrete construction.

Students continue exercises in building construction drawing.

Text and reference books:

As for Building Construction and Drawing I.

1027. Building Construction and Drawing III.

Pre-requisite subject: Building Construction and Drawing II (1026).

(a) Working Drawings and Specifications I.

Concurrent subject: Building Act A.

A course of lectures and drawing office exercises dealing with the preparation of working drawings and the writing of specifications; the relationship between them; methods pursued in practice; principles to be observed; visits to works in progress.

(b) Working Drawings and Specifications II.

A course of lectures and more advanced exercises on office practice and preparation of drawings and specifications. Examination of methods used by the quantity surveyor; architect's methods of estimating from the sketch drawings.

1028. Building Administration I.

(a) Conditions of Contract.

A study of the most commonly used Conditions of Contract, including the standard documents of the Royal Australian Institute of Architects, the Architect-in-Chief's Office and the Commonwealth Department of Works.

The preparation of Contracts.

(b) Site Administration.

Selection of working areas; selection of site offices; selection of sheds, etc.; selection of stacking areas, storage of materials; planning placement of materials; planning hoisting of materials; planning the placing of plant, etc.; temporary services—power, water, etc.; material ordering and order books; cartnote and delivery records; time sheets, time records, and time control; job time schedules; distribution of wages, including legal aspect; set out work—foundations, storey rods, detailed construction; sub-contractors—organizing, their respon-

sibility, contractor's responsibility; methods of dealing with variations to contract; contractor's responsibility and relation to clerk of works, architect, engineer, building owner; clerk of works relation and responsibilities; architect's relation and responsibilities; engineer's relation and responsibilities; building owner's relation and responsibilities; general duties of a foreman; general duties of clerk of work; delegation of work to leading hands; awards—their interpretation (with respect to change room, first aid, etc.); cleaning up of site and work; duties in handing over works; care of plans and specifications; estimating labour requirements; estimating plant requirements; the Scaffolding Act; footpath crossing; hoardings, etc.

Text- and reference books:

Gillespie, J. J., *Training in foremanship and management*.
 Hiscox, W. J., *Factory layout, planning and progress*.
 Gilbraith, Frank, *Time and motion study*.

1029. Building Administration II.

Pre-requisite subject: Building Construction and Drawing II (1026).

(a) Building Act A.

A course of lectures and drawing office exercises on building construction in which a study is made of the South Australian Building Act and relevant regulations.

Throughout the course there is in view a co-ordination of the requirements of legislation and local practice of building construction. Exercises are worked in the checking of plans and specifications for compliance, and in the administration of the Act and regulations from the standpoint of the building surveyor.

Text-book:

The Building Act, 1923-1946, and regulations.

Reference books:

As for Building Construction and Drawing.

(b) Building Administration.

The builder's office, yard and works for various size organizations; approximate administration staff for various size organizations; accounting sections—its duties and statistical reports, its wages make up, costing records, bank overdraft, guarantee and mortgages, etc.; filing systems; office machines; preparation of profit and loss and balance sheets; costing section—quantity surveyors, pricing and tendering, preparation of bills to be lodged, variations and extras, rise and fall control, material order lists, control of quotations relative to contract, labour targets, checking costing against rates, establishing rates; purchasing section—ordering and planning purchases, stocks, stock control, allocation of stocks, P.C. sums and selections, delivery control, cartnote check against orders; employment section—awards and their interpretation, apprentices and their management, procuring labour, dismissal of labour, country work, country camps and their problems, estimating future labour requirements; general administration—foremen's meetings, staff meetings, control of supervision, control of plant, control of transport, control of contracts, preparation of time schedules, selection of work, fixed price contracts; fixed fee contracts, cost-plus contracts, schedule rates contracts, arbitration on contracts, building association, kindred and allied associations, insurances, pay roll tax, company law and registration of companies, audit and general taxation.

Text- and reference books:

Gillespie, J. J., *Training in foremanship and management*.
 Hiscox, W. J., *Factory layout, planning and progress*.

1031. Architectural Drawing I. (T).

Perspective.

The principles of perspective, definitions and terms used in perspective; simple positions of solids; models composed of a combination of solids. Perspective composition; the projection of architectural perspectives from given plans and elevations.

Reference books:

Carroll, *Principles of perspective*.
 Holmes, *Applied perspective*.
 Sierp, A. F., *Perspective projections* (Sands and McDougall).

Sketching.

Freehand sketching of simple models, showing plans, elevations, sections and dimensions. Perspective freehand sketching of architectural details. Freehand lettering as required for titles and subtitles of architectural drawings.

Plane Geometry.

Construction of triangles, quadrilaterals, and polygons; circles tangentially in contact with converging lines, triangles, quadrilaterals, polygons, and sectors of circles; third, fourth and mean proportionals; circles of a given radius to touch lines, one or two circles; regular polygons within and without circles; simple problems on the areas of squares, rectangles, parallelograms, polygons and circles; reducing complex figures to simple figures of equal areas; the construction of the ellipse, parabola, hyperbola; Ionic volute and involute of a circle; spirals; and cycloids.

Solid Geometry.

The projection of points, lines, surfaces, and simple solids at an angle to either plane of projection; envelopes of simple solids; sections of solids made by horizontal and vertical planes parallel to the H.P. and V.P.; oblique sections and their true shapes; conic sections and their true shapes; solids at angles with both planes of reference; obtaining second elevations and plans; sectional elevations and plans; the plans and elevations of intersection solids and their envelopes; spheres tangentially in contact; the construction of the helix; isometric projection; development by triangulation.

Text-book:

Sierp, A. F., *An advanced course in geometrical drawing* (Sands and McDougall).

1032. Free Drawing IA.

Lectures on lettering and layout. Outdoor sketching. Rendered studies in various media. Drawing and sketching of buildings and their components.

Reference books:

Studio Publication, *Lettering of today* (London).

Guptill, A. L., *Sketching and rendering in pencil* (Reinhold).

Guptill, A. L., *Colour in sketching and rendering* (Reinhold).

1033. Architectural History IB.

A course of lectures on the development of architecture specially adapted for students of Quantity Surveying. The course covers the architecture of Egypt, the Aegean, Greece, Rome, the Early Christians, Byzantium and of the Middle Ages.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1034. Architectural History IIB.

Pre-requisite subject: Architectural History IB (1033).

A continuation of the course of lectures on architectural development specially adapted for students of Quantity Surveying. The lectures cover the Architecture of the Renaissance in Italy, France and England up to 1850.

The practical work consists of drawing exercises to aid the study of buildings referred to in Architectural History IB and IIB. Students must submit notebooks, sketches and drawings.

Text-book:

Fletcher, B. F., *History of architecture on the comparative method* (Batsford).

1035. Quantity Surveying I.

Pre-requisite or concurrent subject: Building Construction and Drawing I (1024) or IA (1025).

Obtaining from plans and specifications the quantities of materials and labour necessary in the construction of architectural and engineering structures.

The use of scales, figured dimensions, plans, sections, elevations, and detailed drawings in relation to Bills of Quantities.

System of taking off and billing quantities with full descriptive meaning in the following trades in a building contract:

Excavating, concrete footings and ground slabs, brickwork, carpentry, plastering, paving and painting.

1036. Quantity Surveying II.

Pre-requisite subject: Quantity Surveying I (1035).

Concurrent subject: Building Construction and Drawing II or IIA.

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades: Reinforced concrete, brickwork, metalwork, joinery, glazing and finishing trades including tiling, terrazzo work and other floor finishes.

1037. Quantity Surveying III.

Pre-requisite subject: Quantity Surveying II (1036).

A continuation of the course of instruction in the preparation of Bills of Quantities with respect to the following trades:

Plumbing, draining, structural steel work, stonework, joinery fittings, and specialised services, including electrical and mechanical.

1038. Estimating and Costing.

Effective hourly labour data, extras, contractor's margin data, constants for manual labour, material prices, build up of unit rates, costing analysis, aids to estimating, application of data in estimating.

Reference book:

Rea, *How to estimate*.

1039. Bookkeeping and Accounts.

Primary objects of bookkeeping; theory of double entry bookkeeping; definition of technical terms; capital and proprietorship; distinction between capital and revenue; classes of accounts with simple classification; assets, classification and theory of depreciations.

The nature and use of: journals for sales, purchases, returns, cash transactions, and of ledgers; recording a set of transactions from opening entries to trial balance, including cheques, bills; simple partnership accounts. Final accounts; to find cost of goods sold, trading account and profit statements. Balance day adjustments, including methods of depreciation and simple percentage statements; balance-sheet preparation. Petty cash and postages book; bank reconciliation statements. Simple job cost cards—recording and posting.

Text-book:

Burdon, *Full course in intermediate bookkeeping*, Part I (Pitman).

1040. Elements of Supervision.

The role of the supervisor, analysis of business activities, characteristics of good organization, analysis of the supervisor's job, leadership—objectives and essential qualities, development of leadership (methods of self-rating), effective speaking and written expression, principles of controlling people—personnel problems, giving orders, maintaining discipline, handling grievances, problems of transfer, promotion and dismissal, developing and maintaining work interest, incentives, employee selection and placement, starting the new employee, the supervisor as an instructor, development of understudies, policy responsibilities, creating morale.

Recommended text-books:

Parker and Kleemeier, *Human relations in supervision*.

Spriegel and Schultz, *Elements of supervision*.

1041. Design of Structures A.

Pre-requisite subject: Strength of Materials (T) (1208).

An adaptation of the following course for students of Building.

An introductory course to modern methods in the design of structures. Economics of design; design loads; design of members and joints. Foundations, specifications. Use of codes.

Drawing office work illustrating the lecture-material by the detail design of simple structures in steel, concrete and timber.

Reference books:

Crinter, *Design of modern steel structures*.

Sutherland and Rees, *Introduction to reinforced concrete design*.

C.S.I.R., *Handbook of structural timber design*.

Hansen, *Modern timber design*.

S.A.A., *Codes*.

1051. Electrical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

Lectures: Systems of units; standard symbols; circuit representation; resistance of conductors and insulators; circuit theorems; magnetic and electric fields; inductance; capacitance; transients; power conversion, chemical, mechanical and electrical; transmission; distribution; tariffs; lighting; d.c. machines; alternating currents; locus diagrams; polyphase systems; measurements; instruments; a.c. transformers.

Practical work: Circuit elements and networks on d.c. and a.c.; instrument calibrations; d.c. machines; transformers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman), or
Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
Parker-Smith, S., *Problems in electrical engineering*, 6th edition (Constable).

Reference-books:

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).
Various technical publications.

1052. Electrical Engineering IIA (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

Lectures: Based mostly on Electrical Engineering II (T) to give a general coverage for students not normally proceeding to Electrical Engineering III (T).

Practical work: Mostly as for Electrical Engineering II (T) with inclusion of a.c. machines, rectifiers.

Text-books:

Cotton, H., *Electrical technology*, 7th edition (Pitman) or
Dawes, C. L., *Electrical engineering*, Vols. I and II (McGraw-Hill).
Parker-Smith, S., *Problems in electrical engineering*, 6th edition (Constable).

Reference-books:

Langsdorf, A. S., *Principles of d.c. machines* (McGraw-Hill).
Various technical publications.

1054. Electrical Engineering III (T).

Pre-requisite subjects: Electrical Engineering II (T) (1051) or IIA (T) (1052) and Pure Mathematics II (T) (1152).

Lectures: Transformers for use at low, audio, and high frequencies under steady state and transient conditions. Harmonic analysis and applications. Rotating machines in general and synchronous, induction and commutator types in particular; rectifiers and frequency changers; transmission lines, system stability and protection, symmetrical components analysis.

Practical work: Based on lectures.

Text-books:

Suitable texts and alternatives will be discussed at the beginning of the course.

1055. Automatic Control.

Pre-requisite subjects: Electrical Engineering II (T) (1051), and Pure Mathematics II (T) (1152).

Lectures: Theory of automatic control systems; application to position control (servo-mechanisms), velocity, acceleration and analogous quantities; transducers and power amplifiers.

Practical work: Based on lectures, with tests on data transmission devices, rotating and magnetic amplifiers, servo motors, complete control systems.

Text-books:

West, J. C., *Servomechanisms* (English Universities Press) or
Thaler, G. J., *Elements of servomechanism theory* (McGraw-Hill).

1101. Communication Engineering I.

Pre-requisite or concurrent subjects: Electron Physics (1154) and Pure Mathematics II (T) (1152).

Syllabus: Circuit elements including coupled circuits, Q-factor, condenser losses; circuits involving resistance, capacitance and inductance; circuit theory of vacuum tubes including voltage amplifiers, coupling networks for audio and video frequencies, negative feed-back, power amplifiers, push-pull amplification, output transformers, tuned r.f. voltage and power amplifiers, oscillators. Modulation and de-modulation. Frequency modulation. Rectifiers and power supplies. Acoustics of microphones, loudspeakers.

Practical work: Three hours a week throughout the year on laboratory experiments based on the lectures.

Text-book:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

1102. Communication Engineering II.

Pre-requisite subject: Communication Engineering I (1101) and Pure Mathematics II (T) (1152).

Syllabus: Network theorems, iterative networks; transmission lines; equalizers and attenuators; filters; wave guides; transistors; ultra-high-frequency generators; propagation and aerials.

Practical work: Laboratory experiments on the above subject matter and constructional projects as prescribed.

Text-books:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

Everitt, W. L., and Anner, G. E., *Communication engineering*, 3rd edition (McGraw-Hill, 1956).

1104. Applied Electronics.

Pre-requisite or concurrent subjects: Electrical Engineering II (1051) or IIA (1052).

Lectures: *Vacuum tubes*—Thermionic emission; conduction of current in vacuo; characteristics of diode, triode, tetrode and pentode, tube constants; the vacuum tube as voltage amplifier and power amplifier; push-pull amplification; negative feed-back; class C radio frequency amplifiers; oscillators; modulation and detection; vacuum-tube voltmeters.

Gas-filled tubes—Electron current in gases; gas-filled diodes; thyratrons, ignitrons; grid controlled rectification; application of gas-filled tubes to high speed counting, timers, voltage regulation, resistance welding control.

Other electronic devices—Cathode ray oscilloscope; light sensitive cells.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

1104A. Applied Electronics—(Short Course).

Pre-requisite or concurrent subject: Electrical Engineering II (T) or IIA (T).

This course consists of the second and third terms' work in Applied Electronics (1104).

Text-book:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

1105. Electronic Engineering Design.

Pre-requisite or concurrent subject: Communication Engineering II (1102).

The complete design of a piece of electronic equipment which would come within the scope of an electronic engineer engaged in design.

1106. Electronic Measurements.

Pre-requisite or concurrent subject: Communication Engineering II (1102).

Lectures: The M.K.S. and C.G.S. systems of units; standards of inductance, capacity and frequency; Q-meters; distortion factor meters; harmonic analyzers; a.f. and r.f. signal generators; attenuators; A.C. bridges; measurement of noise; measurements in acoustics; U.H.F. measurements; application of electronic methods to industrial control and checking.

Practical work: Laboratory experiments on the above subject matter.

Text-book:

Terman, F. E., and Pettit, J. M., *Electronic measurements*, 2nd edition (McGraw-Hill, 1952).

1107. Pulse Techniques.

Pre-requisite subjects: Pure Mathematics I (T) (1151), and Communication Engineering I (1101).

Lectures: Generation and amplification of electrical pulses; effects of circuit components on pulse wave-forms; wave-shaping circuits, delay lines; video-frequency amplification; saw tooth voltage and current generators; application to radar; television and computers.

Practical work: Laboratory experiments on the above subject matter.

Text-books:

Ryder, J. D., *Engineering electronics* (McGraw-Hill, 1957).

Farley, F. J. M., *Elements of pulse circuits* (Methuen, 1955).

Reference books:

Terman, F. E., *Electronic and radio engineering*, 4th edition (McGraw-Hill, 1955).

Livesley, R. K., *An introduction to automatic digital computers* (C.U.P., 1957).

1141. Physics I (T).

The course comprises three lectures and three hours practical work a week, and is given annually.

Subjects of examination:

General Physics, including mechanics, acoustics, heat, geometrical and physical optics, electricity, and magnetism.

The scope and standard of knowledge required for examination is indicated by the course of lectures and laboratory work, and by one of the following text-books which should be read concurrently with the lecture course:

Lemon, H. B., and Ferece, M., *Analytical experimental physics* (U.P. Chicago); or

Margenau, H., Watson, W. W., and Montgomery, C. G., *Physics—principles and applications* (McGraw-Hill); or

Sears, F. W., and Zemansky, M. W., *University physics*, 2nd edition (Addison-Wesley).

Holbon, G., *Introduction to the concepts and theories in physical science* (Addison-Wesley).

1151. Pure Mathematics I (T).

Pre-requisite subjects: Leaving Mathematics I and II and Special Mathematics.

The course comprises four lectures and one tutorial class a week.

Lectures: The elements of algebra and analytical geometry, the mensuration of the simpler solids, the most elementary portions of the differential and integral calculus.

Text-books:

Durell and Robson, *Elementary calculus*, vol. I (Bell).

Durell, *Advanced algebra*, vol. I (Bell).

Middlemiss, R. R., *Analytical geometry* (McGraw-Hill).

Yarwood and Castle, *Physical and mathematical tables* (Macmillan).

1152. Pure Mathematics II (T).

Pre-requisite subject: Pure Mathematics I (T) (1151).

This course consists of two lectures a week and one tutorial class a week.

Theory of complex algebra; representation, Argand diagram, Polar form, addition, subtraction, multiplication, and division: De Moivre's theorem and its applications; logarithmic, exponential and hyperbolic forms; relationship between these and the trigonometric functions; applications especially to electrical networks and to differential equations.

Calculus: differentiation—function of a function, logarithmic, exponential, hyperbolic and inverse function; Rolles' theorem; mean value theorem and application; Taylor's theorem and Maclaurin's series; curvature; partial differentiation.

Integration: by substitution, by partial fractions, by parts; reduction formulae; definite integrals and theorems on definite integrals, improper integrals; parametric equations; applications of integration; Simpson's Rule and simple multiple integrals.

Differential equations: first order—variables separable, homogeneous, exact, linear and extended linear, and one variable absent; second order—linear equations and their application.

Text-book:

Benny, L. B., *Mathematics for students of engineering and applied science* (O.U.P.).

1153. Applied Mathematics (T).

Pre-requisite subject: Pure Mathematics I (T) (1151).

The course comprises three lectures and one tutorial class a week.

Elementary statics and dynamics of a particle and of rigid bodies; elementary hydrostatics.

Text-books:

Green, S. L., *Dynamics* (University Tutorial Press).

Green, S. L., *Advanced level applied mathematics* (University Tutorial Press).

Reference books:

Lass, H., *Elements of pure and applied mathematics* (McGraw-Hill).

Beer and Johnson, *Mechanics for engineers* (McGraw-Hill).

1154. Electron Physics.

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

Lectures: One hour lecture a week and a one hour tutorial weekly throughout the year.

Syllabus: Motion of electrons in electric and magnetic fields; thermionic emission; thermionic cathodes; characteristics of diodes, triodes and multi-grid tubes; noise due to shot effect in vacuum tubes; partition noise; electrostatic deflection; the electrostatic lens; electromagnetic deflection and focusing; the cathode ray tube; secondary emission; electron multipliers; the photo-electric cell; the storage principle as used in television camera tubes.

Practical work: Two hours a week throughout the year based on the lectures.

Text-books:

Millman, J., and Seely, S., *Electronics*, 2nd edition (McGraw-Hill, 1951).

Ryder, J. D., *Electronic engineering principles*, 2nd edition (Pitman, 1953).

Happell, G. E., and Hesselberth, W. M., *Engineering electronics* (McGraw-Hill, 1953).

1201. Mechanical Engineering I (T).

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

Laws of perfect gases and of vapours; steady-flow and non-flow processes; elementary heat engine cycles; principles of operation of heat engines; elements of control and instrumentation; measurement of work and power; testing; study of reports of engine trials; elements of heat transfer and heat transfer equipment—boilers, condensers, evaporators, heaters; auxiliary plant—valves, pumps, economisers, feed heaters, de-aerators; elements of combustion; fuels, air compressors; refrigerating plant.

Text-books:

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Callendar, H. L., and G. S., *Abridged Callendar steam tables (Fahrenheit units)*, 4th edition (Arnold, 1947).

Reference-books:

As prescribed during lectures.

1202. Mechanical Engineering II (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151); Physics I (T) (1141), Chemistry I (231) or IA (232); Mechanical Engineering I (T) (1201).

Fundamental laws of thermodynamics; Carnot's principle, reversibility; availability of energy; kinetic theory; internal energy; entropy and enthalpy, thermodynamic relations; ideal heat-engine cycles; gas compressors and pumps; properties of vapours and gas-vapour mixtures; flow and non-flow processes; vapour charts and tables; ideal, hypothetical and practical cycles; flow through orifices and nozzles; critical pressure ratio; stagnation quantities; supersaturation; Rankine cycle; engines; turbines; reheating; feed-heating; elements of refrigeration; principles of combustion; elements of heat transfer; dynamics of engines; valve motions; control mechanisms; flywheels; elementary balancing.

Laboratory work based on the above; report writing.

Text-book:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

1203. Mechanical Engineering III (T).

Pre-requisite subjects: Pure Mathematics II (T) (1152), Applied Mathematics (T) (1153), Strength of Materials (T) (1208) and either Mechanical Engineering II (T) (1202) or Refrigeration Engineering II (1205).

Lectures: Fluid mechanics; mechanics of incompressible and compressible fluids; general equations of motion; dynamic similarity for inertia, gravity and viscous forces; laminar and turbulent flow; boundary layer; steady flow through orifices, nozzles, pipes and open channels; theory and operation of hydraulic machines and special problems associated with steam and gas turbines; advanced thermodynamics; applications of principles of thermodynamics; partial differential relations; binary vapours; heat transfer; refrigeration; power plant economy; friction and lubrication; vibration; stresses in rotors.

Practical work based on the above.

A reading guide will be supplied at the beginning of the course.

1204. Refrigeration Engineering I.

Pre-requisite subjects: Leaving Mathematics I and II, Physics and Chemistry.

Laws of energy transformation; properties of working fluids; modes of heat transfer; boilers, pre-heaters, economizers, superheaters, evaporators; water treatment; fuel and combustion; boiler efficiency and combustion calculations; steam engines, efficiencies and construction; steam turbines; impulse and reaction; turbine constructional details; condensers, cooling towers, and ponds; internal combustion engines; gas, petrol, and compression ignition; air compressors and pumps; refrigeration applications, air conditioning, food preservation, industrial processes; historical development; refrigerant properties, charts and tables; simple and reversed cycles; evaporators, compressors, condensers; valves, stop, needle, float and thermostatic; absorption and adsorption systems; air conditioning principles, psychrometry; instruments.

Text-books:

Lecturer's Notes.

Walshaw, A. C., *Heat engines*, 4th edition (Longmans, 1956).

Mayhew, Y. R., and Rogers, G. F. C., *Thermodynamic properties of fluids and other data*, 2nd edition (Blackwell, 1957).

Reference-books:

As prescribed during lectures.

1205. Refrigeration Engineering II.

Pre-requisite subjects: Pure Mathematics I (T) (1151); Chemistry IA (232); Physics I (T) (1141) and Refrigeration Engineering I (1204).

Lectures: Thermodynamics of gases and vapours; gas compression; introduction to thermodynamics of prime movers; refrigeration thermodynamics; properties of primary and secondary refrigerants, operation and testing of plant; elementary heat transfer; psychrometry.

Practical work: Instrumentation. Testing of prime movers and refrigerating machines.

Text-books:

Robinson, W., and Dickson, J. M., *Applied thermodynamics*, 3rd edition (Pitman, 1954).

Jordan, R. C., and Priester, G. B., *Refrigeration and air conditioning*, 2nd edition (Constable, 1957), or

Raber, B. F., and Hutchinson, F. W., *Refrigeration and air conditioning* (Wiley, 1945).

1206. Refrigeration Engineering III.

Pre-requisite subjects: Refrigeration Engineering II (1205), and Chemistry I, Organic (T) (1268).

Lectures: Heat transfer, promotion, and prevention; advanced refrigeration theory, compound cycles; low temperature production; liquid refrigerant reticulation; absorption and adsorption machines; water vapour refrigeration; heat pumps; air conditioning; microbiology—the nature, distribution, detection, and identification of micro-organisms; destroying agencies; sterility; microflora of vegetables and fruit, causes of spoilage, methods of preservation; causes of spoilage, methods of preservation of meat and fish, dairy produce, labile biological products; air sterilization; water purification.

Practical work: Refrigeration—40 hours a year by arrangement; Microbiology—20 hours a year by arrangement; experimental work related to lectures; visits of inspection to selected factories.

Text-books:

As for Refrigeration Engineering II, and

Brown, A. I., and Marco, S. M., *Introduction to heat transfer*, 3rd edition (McGraw-Hill, 1958).

American Society of Refrigerating Engineers *Data book*, design volume, 10th edition, 1957-58.

1207. Machine Design.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Pure Mathematics II (T) (1152), and *either* Mechanical Engineering II (T) (1202), or Refrigeration Engineering II (1205).

Lectures: General design principles; fatigue; stress concentration; impact; combined stresses; failures theories; gears—kinematics of involute teeth, strength and wear resistance of spur, bevel and worm gears; parts of reciprocating engines; journal bearings; velocity and acceleration diagrams; simple mechanisms; cams; dynamics of machines; balancing; linear and torsional vibrations; epicyclic gears.

Drawing Office: Project work supplementing lectures covering the design and drawing of mechanical units.

Text-books:

Maleev, V. L., and Hartman, J. B., *Machine design*, 3rd edition (International) and

Bevan, T., *The theory of machines*, 3rd edition (Longmans).

Reference-books:

Marks, L. S., *Mechanical engineers handbook*, 5th edition (McGraw-Hill). B.S.I. Specifications.

Machine cut gears (Helical and Straight Spur) No. 436-1940.

Bevel gears No. 545-1949.

Machine cut gears (Worm Gearing), No. 721-1937.

Tuplin, W. A., *Machinery's gear design handbook*, 2nd edition (1950) (Machinery Publishing Co., London).

Merritt, H. E., *Gears* (Pitman).

1207A. Machine Design Project.

Pre-requisite subjects: Engineering Drawing and Design II (1213), Strength of Materials (T) (1208), Pure Mathematics II (T) (1152), and *either* Mechanical Engineering II (1202) or Refrigeration Engineering II (1205).

Lectures: As for Machine Design (1207).

Drawing Office: Project work supplementing lectures.

Project: The design of an approved prime mover, compressor, refrigerator or similar unit.

Text-books:

As for Machine Design (1207).

Reference-books:

As for Machine Design (1207).

1208. Strength of Materials (T).

Pre-requisite subjects: Pure Mathematics I (T) (1151); Applied Mathematics (T) (1153), must be taken concurrently if not already passed.

Lectures: Elastic stress and strain; normal and shear stresses; plane stress; principal stresses and strains; Mohr's circle; mechanical properties of materials; testing of materials; failure of materials under combined stresses; failure theories; fatigue; homogeneous straight beams; shear force and bending moment diagrams; normal and shear stresses; moment of resistance; built-up beams; deflection of beams; fixed end and continuous beams; columns; Euler's formula; experimental results; empirical formulae; eccentric loading; torsion; shear stresses and deflection in round shafts; framed structures; elements of graphic statics; Maxwell's reciprocal diagrams; design of joints, tension and compression members; reinforced concrete columns, beams and tee-beams; bending of beams by loads not in plane of symmetry; loads not in plane of principal axes; strain energy; application of elastic energy theory to elementary problems; stress concentration; elements of experimental stress analysis.

Practical work: Mechanical testing of materials of construction; application of work covered in lectures to design problems, with special emphasis on graphical and experimental solutions.

Text-book:

Trathen, R. H., *Statics and strength of materials* (Wiley, 1954).

Reference-books:

S.A.A. Codes:

Metallic Arc Welding S.A.A. Int. 352.

Structural Steel in Building S.A.A. Int. 351.

Concrete in Building C.A.2 - 1958.

Grinter, L. E., *Design of modern steel structures* (Macmillan).

Sutherland, H., and Reese, R. C., *Reinforced concrete design* (Wiley).

Den Hartog, J. P., *Strength of materials* (McGraw-Hill).

1209. Materials and Structures.

Pre-requisite subject: Physics I (T) (1141).

Lectures: Behaviour of materials under simple stress; principal stress; bending moments and shear forces; flexural and shear stresses; framed structures, calculation of forces in members; columns under axial and eccentric loads, design of lattice bars and batten plates; riveted joints, cleats and similar fastenings; welded joints; reinforced concrete, design of columns, rectangular and T beams, reviewing a design, bond, shear; stability of structures—earth retaining walls; deflection of beams; beams with fixed ends; continuous beams.

Practical work: Students are required to attend demonstrations at the University laboratory and record observations on a series of tests of materials. They are also required to prepare a complete design of an approved structure such as a roof truss.

Text-book:

As prescribed.

Reference-books:

S.A.A. Codes:

Metallic arc welding S.A.A. Int. 352.

Structural steel in building S.A.A. Int. 351.

Minimum design loads on buildings S.A.A. Int. 350.

Concrete in building C.A.2. - 1958.

1211. Hydraulics (T).

Pre-requisite subject: Physics I (T) (1141).

Pre-requisite or concurrent subjects: Applied Mathematics (T) (1153), and Pure Mathematics II (T) (1152).

Lectures: Fluid statics, hydrology, flow in artificial channels, measurement of flow; dimensional analysis, hydraulic machinery and plant, principles of hydraulic design.

Practical work: Nine sessions in the laboratory covering measurements of flow and friction; tests on hydraulic machinery.

Text-book:

Lewitt, E. H., *Hydraulics* (Pitman).

Reference-books:

Davis, C. V., *Handbook of applied hydraulics* (McGraw-Hill, 1952).

Daugherty, R. L., and Ingersoll, A. C., *Fluid mechanics* (McGraw-Hill, 1954).

Foster, E. E., *Rainfall and run off* (Macmillan).

Whisler, C. O., and Brater, E. F., *Hydrology* (Wiley, 1949).

1212. Engineering Drawing and Design I.

Pre-requisite subjects: Leaving Mathematics I and II.

The work covered is a course of plane and solid geometry, perspective projection, and dimensioned sketching. Students must, before commencing the course, provide themselves with an approved set of drawing instruments.

Plane Geometry: Instruments and their uses; line types and their uses; division of lines and angles; scale; polygons; tangents to circles, curves in contact; construction for ellipse parabola, hyperbola, involutes, cycloids.

Solid Geometry: First and third angle projections of points, lines, surfaces, and simple solids; true shapes of surfaces in any plane applied to pyramids and cones; true lengths of lines applied to surface development; plans and elevations of intersecting solids and their envelopes; stretch-outs of pipes; development of irregular surfaces by triangulation; auxiliary projection and rotation; isometric, dimetric, and trimetric projections and drawings of simple parts.

Perspective: A brief outline of the principles of perspective drawing; definitions and terms; simple problems on surfaces, prisms, cubes.

Dimensioned Sketching: Freehand sketching of simple parts showing views and sections necessary to portray the object completely; dimensioning of sketches.

Text-book:

French, T. E., and Vierck, C. J., *Manual of engineering drawing*, 8th edition (McGraw-Hill, 1953).

1213. Engineering Drawing and Design II.

Pre-requisite subjects: Engineering Drawing and Design I (1212), Pure Mathematics I (T) (1151). If *either* Strength of Materials (T) (1208) *or* Materials and Structures (1209) has not been passed, it must be taken concurrently.

Lectures: The design of simple machine elements; general principles of detail design; the influence of manufacturing processes in design; thin cylinders; riveted joints; welded joints; bolted joints; limits and fits; design of shafts subjected to bending and torsion; keys; couplings; clutches; sliding and rolling bearings (introductory treatment only); flat and vee-belt drives; rope and chain drives; lifting chains and ropes; springs; brakes; curved beams; thick cylinders; shrink fits.

Drawing Office: Sketching from engineering models; preparation of working drawings; project work covering the design and drawing of machine elements and simple assemblies.

Text-books:

Faires, V. M., *Design of machine elements*, 3rd edition (Macmillan, 1955).

B.S.S. 1916: Part 1: 1953, *Limits and fits for engineering*.

B.S.S. 1916: Part 2: 1953, *Guide to selection of limits and fits*.

Reference-books:

S.A.A. CB1-1942, *Boiler code*.

S.A.A. Int. 351, *Structural steel in building*.

S.A.A. Int. 352, *Metallurgical arc welding*.

1214 Workshop Practice I.

Lectures: The fundamentals of workshop organisation; common operations and processes — patternmaking, foundry work, welding, soldering and brazing, machine shop practices; safety principles.

Practical work: Simple exercises in grinding, chipping, filing, drilling, boring, turning, forging, welding, the use of common measuring tools.

1215. Workshop Practice II.

A course in more advanced machine shop practice, welding and heat treatment consisting of lectures, demonstrations, and practical work.

Laying out work, scraping machine parts; tool grinding; turning; screw cutting; milling; planing and shaping; adjustment of cutting tools and cutting speeds and feeds; manual and automatic A.C. and D.C. arc welding; spot, seam, butt, and flash resistance welding; flame machining and hard surfacing; protective metal coatings; fundamentals of toolmaking; heat treatment; gear cutting; thread milling and generating; cylindrical and surface grinding and chucking; turret and automatic screw machine practice; grinding and lapping; broaching; alignment and babbitting of bearings; precision measuring; presses and press tools.

1216. Principles of Business and Industry.

A study of the elements of: the law of contracts; principal and agent; sale of goods; negotiable instruments; insurance; bailment; bills of sale; liens; guarantee; workmen's compensation; Registration of Business Names Act.

The various forms of business organization: sole trader; partnership; companies—public, private, no-liability, holding and subsidiary; government and semi-government.

The various methods of financing business: capital—ordinary, preference, deferred—Governor's shares; borrowing—debentures, unsecured notes, mortgages, overdrafts, hire purchase, bills of exchange; functions of Stock Exchange, finance houses, banks; consideration will be given to provision of permanent or long term capital, as well as to working or short term capital; investments, nominal and effective yields; the effects of price variations on depreciations, stocks, etc.; the financing of government and semi-government enterprises; an understanding of published financial statements—income statements, cash statements, balance sheets; distinction between revenue and capital; records generally—purpose of and connection between—forms or vouchers and final costs and statements, forms or vouchers and statistical records, with emphasis on lines of authority; filing; budgeting within the business—its purpose and method; costing—elementary principles of historical, job, process and standard costing.

Text-book:

First term—Yorston and Fortescue, *Australian mercantile law*, 8th edition.

Other books will be notified in class.

1251. Analytical Chemistry.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures: One hour a week throughout the year dealing with the electrochemical methods of analysis — polarography, potentiometry, conductometric analysis, and electro depositions; emission spectroscopy; colorimetry, absorptiometry, spectrophotometry; radio-activity as an analytical tool; ion exchange, chromatography, extraction analysis, thermal analysis, semi-micro analysis, and titrimetric and gravimetric procedures using novel reagents or techniques.

Practical work: Three hours a week throughout the year of quantitative laboratory work designed to illustrate the principles and use of the above techniques.

Text-book:

Ewing, G. W., *Instrumental methods of chemical analysis* (McGraw-Hill, 1954).

Reference-books:

Vogel, A. I., *A textbook of quantitative inorganic chemistry*, 2nd edition (Longmans, 1951).

Belcher, R., and Godbert, A. L., *Semi-micro quantitative organic analysis*, 2nd edition (Longmans, 1954).

1254. Extractive Metallurgy I.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234) and Process Technology I (1257).

Lectures: Two hours a week throughout the year dealing with the unit processes of pyrometallurgy (drying, calcining, roasting, sintering and agglomeration, smelting, converting and refining), hydrometallurgy (leaching, separation and precipitation), and electrometallurgy. Attention is given to plant operation and performance although the treatment is based essentially on physico-chemical principles.

Problem class: 3 hours a week.

Practical work: Three hours a week throughout the year of quantitative laboratory (bench scale) work designed to illustrate the principles of unit processes in extractive metallurgy.

Text-books:

Hopkins, D. W., *Physical chemistry and metal extraction* (Garnet Miller, 1954).

Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman, 1954).

Bray, J. L., *Ferrous production metallurgy* (Wiley, 1942).

Reference-books:

Bray, J. L., *Non-ferrous production metallurgy* (Wiley, 1941).

van Arsdale, G. D., *Hydrometallurgy of base metals* (McGraw-Hill, 1953).

Mantell, C. L., *Industrial electrochemistry* (Wiley, 1940).

Butts, A., *Metallurgical problems* (McGraw-Hill, 1943).

1255. Extractive Metallurgy IA.

Pre-requisite subject: Physical and Inorganic Chemistry IIA (234).

Lectures and Practical work: A limited treatment of Extractive Metallurgy I (1254) amounting to one hour's lecture and three hours' practical work a week throughout the year.

Text and reference-books:

As for Extractive Metallurgy I (1254).

1256. Industrial Instrumentation.

Pre-requisite subjects: Chemistry I (231) or IA (232) and Physics I (T) (1141).

Lectures:

An introduction to the subject of industrial instrumentation. In general, emphasis is laid on the fundamental principles involved rather than on details of the mechanisms used. The subject matter of the lectures deals with the means used for making measurements, the characteristics of systems and circuits used, the forms of control and control elements involved, and gives an introduction to the theory and application of automatic process control.

Practical Work:

A course of experiments designed to exhibit the characteristics of various kinds of industrial instruments and their fields of application as indicators, recorders and controllers.

Text-books:

Eckman, D. P., *Principles of industrial process control* (Wiley, 1945).

Eckman, D. P., *Industrial instrumentation* (Wiley, 1951).

Reference book:

Young, A. J., *An introduction to process control system design* (Longmans, 1955).

1257. Process Technology I.

This course is the same as No. 461, Process Engineering I, a course for the B.E. degree in Metallurgical and Chemical Engineering.

Pre-requisite subjects: Chemistry I (231) and Physics I (T) (1141).

Lectures and demonstrations: Three lectures a week for one term and two lectures a week for two terms, comprising an introduction to the unit processes and operations of chemical and metallurgical engineering, together with illustrated films and visits to industrial works. The subject matter is dealt with in three parts: approximately 27 lectures are devoted to unit operations (including mineral dressing), 21 lectures to unit processes (chemical—inorganic and organic) and 15 lectures to unit processes (metallurgical—extractive).

Reference-books:

- Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).
 Dennis, W. H., *Metallurgy of the non-ferrous metals* (Pitman).
 McCabe, W. L., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 Pryor, E. J., *An introduction to mineral dressing* (Mining Publications Ltd., 1955).
 Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).
 Treybal, R. E., *Mass transfer operations* (McGraw-Hill, 1955).
 Coulson, J. M., and Richardson, J. F., *Chemical engineering* (Pergamon Press, 1954).
 Liddell, D. M., *Handbook of non-ferrous metallurgy*, Vol. I (McGraw-Hill, 1945).
 Riegel, E. R., *Chemical machinery* 1944 (Reinhold).

1258. Process Technology II.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234), Organic Chemistry IIA (236A) and Pure Mathematics I (T) (1151).

Lectures: Two hours a week throughout the year dealing with mass and energy balances, phase and reaction equilibria, and reaction kinetics as applied to selected inorganic and organic unit processes.

Practical work: One day a week throughout the year devoted to bench scale projects designed to illustrate the salient features of inorganic and organic unit processes.

Text-books:

- Shreve, R. N., *The chemical process industries*, 2nd edition (McGraw-Hill, 1956).
 Groggins, P. H., *Unit processes in organic syntheses*, 5th edition (McGraw-Hill, 1958).

Reference books:

- Mantell, C. L., *Industrial electrochemistry*, 3rd edition (McGraw-Hill, 1950).
 Hougen, O. A., Watson, K. M., and Ragatz, R. A., *Chemical process principles*, Vol. 1, 2nd edition (Wiley).
 Denbigh, K., *Principles of chemical equilibrium* (C.U.P., 1955).
 Smith, J. M., *Chemical engineering kinetics* (McGraw-Hill, 1956).

1259. Unit Operations.

Lectures: One hour a week throughout the year dealing with the theory of fluid flow; heat transfer; evaporation; distillation; absorption; extraction; humidification and air conditioning; drying; filtration; size reduction and separation; materials handling; control of process variables.

Practical work: Three hours' work a fortnight with laboratory apparatus designed to illustrate the principles of unit operations.

Tutorials: Three hours' a fortnight on the solution of problems designed to illustrate the principles discussed in the lectures.

Text-book:

- Badger, W. L., and Banchero, J. T., *Introduction to chemical engineering* (McGraw-Hill, 1955).

Reference books:

- McCabe, W. C., and Smith, J. C., *Unit operations of chemical engineering* (McGraw-Hill, 1956).
 Coulson, J. M., and Richardson, J. T., *Chemical engineering*, Vols. I and II (Pergamon Press, 1954).

1260. Mineral Dressing I.

Pre-requisite subjects: Geology IA (251A) and Physical and Inorganic Chemistry IIA (234).

Lectures: Two hours a week for three terms dealing with the theory of comminution, crushing, grinding, screening, classification; gravity and electrical concentration, flotation; dewatering; storage, transport and other auxiliary operations; mill design and control.

Seminar: Three hours a week for two terms of flow sheet studies and design problems. Characteristic flow sheet patterns are developed and the elements of material balances, circuit design, machine selection and design are studied.

Practical work: Three hours a week for two terms of bench and pilot scale experiments designed to illustrate the principles of ore dressing.

Project: Six hours a week for one term devoted to the laboratory investigation of treatment methods for an unknown ore.

Text-book:

Taggart, A. F., *Elements of ore dressing* (Wiley, 1951).

Reference-books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

Sutherland, K. L., and Wark, I. W., *Principles of flotation* (Australasian Institute of Mining and Metallurgy, 1955).

Michell, F. B., *The practice of mineral dressing* (Electrical Press, 1950).

1261. Mineral Dressing IA.

Pre-requisite subjects: Geology IA (251A) and Physical and Inorganic Chemistry IIA (234).

Lectures: An introductory course of lectures in mineral dressing dealing with the elements of crushing; grinding; industrial sizing and sorting; physical separation—gravity and electrical; froth flotation; dewatering; transport and control.

Practical work: A short course of laboratory experiments embracing the principal operations of mineral dressing.

Text-book:

Pryor, E. J., *An introduction to mineral dressing* (Mining Publication Ltd., 1955).

Reference-books:

Gaudin, A. M., *Principles of mineral dressing* (McGraw-Hill, 1939).

Taggart, A. F., *Handbook of mineral dressing* (Wiley, 1945).

1262. Physical Metallurgy I.

Pre-requisite subjects: Chemistry I or IA (231 or 232) and Physics I (T) (1141).

Lectures: One hour a week throughout the year, dealing with the structure and physical properties of metals, mechanical testing, mechanism of solidification, commercial casting processes, powder metallurgy, recrystallization and grain growth; the phase rule and the constitution of binary alloys; metallography of iron and steel; heat treatment of steels; alloy steels; surface hardening processes; metallography of non-ferrous alloys; welding; principles of pyrometry; kinetics of phase changes; heat flow in steels; equilibria in aqueous solutions, electroplating, corrosion and protection.

Practical work: Three hours a week throughout the year of experiments designed to illustrate the fundamental properties of metals and alloys.

Text-book:

Guy, A. G., *Elements of physical metallurgy* (Addison-Wesley, 1951).

Reference-books:

Doan, G. E., *Principles of physical metallurgy* (McGraw-Hill).

Rollason, *Metallurgy for engineers* (Arnold, 1950).

Metals handbook, 1948 edition. (American Society for Metals).

Evans, U. R., *Introduction to metallic corrosion* (Arnold, 1948).

1263. Physical Metallurgy II.

Pre-requisite subject: Physical Metallurgy I (1262).

Lectures: A course of approximately 30 lectures covering:—

- (1) hardenability of steels; mechanism of decomposition of austenite and the functions of alloying elements in steels; ternary equilibrium systems; advanced treatment of corrosion and protection, surface treatment of metals and alloys; precipitation hardening; mechanism of graphite formation in cast irons; theory of dislocations;
- (2) fundamentals of crystallography; X-ray diffraction methods and the determination of crystal structure.

Practical work: Three hours a week throughout the year dealing with advanced metallography and photography; X-ray diffraction techniques.

Text-books:

- Boas, W., *An introduction to the physics of metals and alloys* (M.U.P., 1947).
Hollomon, J. H., and Jaffe, L. D., *Ferrous metallurgical design* (Wiley, 1947).

Reference-books:

- Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).
Masing, G., and Rogers, B. A., *Ternary systems* (Reinhold).
Pourbaix, M., *Thermodynamics of dilute aqueous solutions* (Arnold).

1264. Physical Metallurgy III.

Pre-requisite or concurrent subject: Physical Metallurgy II (1263).

Lectures: A course of approximately 30 lectures dealing with:—

- (1) Significance of mechanical test results, non-destructive test methods, theory and use of strain gauges; preparation of metal specifications; industrial instrumentation and control; high vacuum technique; induction heating; high temperature techniques.
- (2) Electron theory of metals and alloys; application of X-ray diffraction methods to metallurgical problems.
- (3) Deformation and fracture; dislocation theory.

Practical work: Nine hours a week throughout the year of which three hours are devoted to experiments designed to illustrate the subject matter of the lectures and six hours to a suitable project.

Text-book:

- Cottrell, A. H., *Theoretical structural metallurgy* (Arnold, 1956).

Reference-books:

- Barrett, C. S., *Structure of metals* (McGraw-Hill, 1953).
Hume-Rothery, W., and Raynor, G. V., *Structure of metals and alloys* (Institute Metals).
A.S.M.E. Handbook, *Metals engineering design* (McGraw-Hill, 1953).
Campbell, I. E., *High temperature technology* (Wiley, 1956).

1265. Metal Fabrication.

Pre-requisite subject: Physical Metallurgy I (1262) or Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the mechanical working and joining of commercial metals and alloys.

Practical work: Three hours a week for one term (demonstrations and plant visits).

Text-book:

- Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Reference-book:

- Metals handbook*, 1948 edition (American Society for Metals).

1266. Foundry Practice.

Pre-requisite subject: Physical Metallurgy I (1262) or Engineering Materials (1272).

Lectures: One hour a week throughout the year dealing with the melting and casting of cast iron, steel and the common non-ferrous alloys; moulding methods; properties and testing of foundry sands; die casting.

Practical work: Three hours a week for two terms of experiments designed to illustrate the subject matter of the lectures.

Text-books:

Wulff, J., Taylor, H. F., and Shaler, A. J., *Metallurgy for engineers* (Wiley, 1952).

Heine, R. W., and Rosenthal, P. C., *Principles of metal casting* (McGraw-Hill, 1956).

Reference-book:

Metals handbook, 1948 edition (American Society for Metals).

1267. Industrial Economics.

Pre-requisite subject: Process Technology I (1257).

Lectures: One hour a week for two terms dealing with the presentation of technical results and literature searches, elementary business principles, and an introduction to industrial economics.

Reference-books:

Graves, R., and Hodge, A., *The reader over your shoulder* (Cape, 1943).
Kirkbride, C. G., *Chemical engineering fundamentals* (McGraw-Hill, 1947).

Burnham, T. H., *Engineering economics*, Vols. 1 and 2 (Pitman, 1944).

Campbell, W., *Business practice and principles*, Part I, 2nd edition (Pitman).

Corley, H. M., *Successful commercial chemical development* (Wiley, 1954).

1268. Fluid Mechanics.

Pre-requisite subjects: Pure Mathematics I (T) (1151) and Physics I (T) (1141).

Lectures: A course in fluid flow as applied to the motion of solids through fluids and of fluids through pipes, channels and over weirs; flow measurement; fluid pumping; an introduction to fluid flow through porous media as applied to filtration.

Practical work: Three hours a week for one term of laboratory experiments designed to illustrate the principles of fluid flow.

Text-book:

Brown, G. G., *Unit operations* (Wiley, 1950).

1269. Chemistry I (Inorganic) (T).

The syllabus is that prescribed for Chemistry IA (232).

1270. Chemistry I (Organic) (T).

Lectures: The natural sources of organic compounds; their extraction and purification; crystallization, melting points, distillation, fractional distillation.

Qualitative and quantitative examinations of organic compounds; the tetravalency of carbon; hybridization of carbon orbitals.

Homologous series; paraffins, olefines, acetylenes, cyclic compounds; the aromatic and heterocyclic compounds; isomerism; configuration; straight and branched chains; petroleum and its derivations; liquid fuels; substitution and addition reactions; characteristic groups and radicles.

Alkyl halides, alcohols, ethers, esters, oils and fats, saponification.
 Aldehydes and ketones, organic acids; acid chlorides, acid amides, nitriles; urea, malonic ester; amines, amino-acids.
 Stereo-isomerism of lactic and tartaric acids; geometrical isomerism.
 Benzene; nitration and sulphonation; phenol and cresols; aniline; diazo-compounds, dyeing.
 Carbohydrates; glucose, fructose, and sucrose.
 Muta-rotation; starch.
 Practical: Purification of organic compounds; crystallization, distillation, steam distillation; melting point and boiling point determinations.
 Preparation and examination of some organic compounds, e.g., acetaldehyde, chloroform, iodoform, ethyl acetate, nitrobenzene, etc.
 Qualitative organic analysis; properties of common organic compounds.
 Reactions of aniline and the diazonium salts.
 Preparation of derivatives.
 Book recommended:
 English, J., and Cassidy, H. G., *Principles of organic chemistry* (McGraw-Hill).

1271. Assaying.

Pre-requisite subjects: Physical and Inorganic Chemistry IIA (234), or Chemistry I (231) and Geology I (251).

The course consists of three hours a week throughout the year of theoretical and practical instruction in fire assaying of typical ores, metals and alloys.

Text-book:

Bugbee, E. E., *Text-book of fire assaying* (Wiley).

1272. Engineering Materials.

Pre-requisite subjects: Chemistry IA (232) and Physics I (T) (1141).

Lectures: Approximately 27 lectures providing an elementary introduction to metals and binary alloys, heat treatment, melting and casting of alloys; fuels; clay products; electrical and magnetic materials; plastics, rubber, adhesives; lubricants and bearing alloys; coatings and paints.

Practical: One hour a week of demonstrations designed to illustrate the properties of the materials discussed in lectures.

Text-book:

Nord, M., *Textbook of engineering materials* (Wiley, 1952).

Reference-books:

Metals Handbook, 1948 edition (American Society for Metals).

Leighou, *Chemistry of engineering materials* (McGraw-Hill).

Norton, *Refractories* (McGraw-Hill).

Rollason, *Metallurgy for engineers* (Arnold).

1280. Industrial Microbiology I

Pre-requisite subjects: Biology (269), Physics I (T) (1141) and Chemistry I (231).

Introduction to the moulds, yeasts, bacteria and viruses through a study of their morphological and physiological characters, and their classification. The growth and death of micro-organisms and the principles of sterilisation, disinfection and chemotherapy. An introduction to infection, immunity and serology with special reference to bacterial food poisoning and other infections spread by food and water, methods of prevention, infections of food animals. The microbial flora of the human body. Introduction to the microbiology of milk and water, quality control and methods of treatment, sewage and trade waste disposal, the microbiology of air and soil.

Practical work includes microscopy and the handling of selected preparations of typical moulds, yeasts, bacteria and viruses; staining, cultivation, isolation and identification of these micro-organisms; elementary investigations of certain physiological activities such as fermentation or proteolysis; the preparation of culture media; the use of various methods of sterilisation and disinfection; tests for sterility, disinfectant testing and tests for antibiotic action; investigations of the micro-flora of milk, water, air, soil and sewage; standard tests for quality of milk and water; elementary techniques for handling animal viruses and bacteriophages. Elementary serological tests.

Text-book:

Prescott, S. C., and Dunn, C. G., *Industrial microbiology*, 2nd edition (McGraw-Hill, 1949).

Reference books:

Chalmers, C. H., *Bacteria in relation to milk supply* (Arnold).

Hammer, B. W., *Dairy bacteriology*, 3rd edition (Wiley, 1948).

Waksman, S. A., *Soil microbiology* (Wiley).

Oginsky, E. L., and Umbreit, W. W., *An introduction to bacterial physiology* (Freemantle, San Francisco, 1954).

1281. Industrial Microbiology II

Pre-requisite subject: Industrial Microbiology I (1280).

More advanced study of the physiology and metabolism of micro-organisms including bacteriophage; variation and adaptation in micro-organisms and elementary microbial genetics; microbiological assay. The composition and microbiology of common foodstuffs; the principles of food preservation; food spoilage and its prevention. Industrial fermentations; their micro-flora and their control. The edible fungi. Historical outline of the development of microbiology especially in relation to fermentations and food preservation.

Practical work includes a study of microbial associations and antagonisms and microbial variation, microbiological assay of vitamins and antibiotics. Investigations of the micro-flora of common foodstuffs; laboratory scale food-processing; investigations of spoiled foods. Laboratory scale investigations of typical fermentation and other microbiological processes used in industry. Excursions to various factories.

TIME-TABLES FOR 1959

By decision of the Council, classes in most Faculties that would normally have been held between 2 p.m. and 5 p.m. on Monday and Friday afternoons will be held between 2.30 p.m. and 5.30 p.m.

Students should therefore make appropriate adjustments in the time-tables published in the following pages.

TIME-TABLES FOR 1959

FACULTY OF ARTS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
	Elementary Greek		Times to be arranged				
1	Greek I	—	9	9	9	—	—
2	Greek II	—	10	10	10	—	—
3	Greek III		Times to be arranged				
5	Latin I Day	11	11	11	—	11	—
	.. .. Night	5.15-6.15	—	—	5.15-7.15	—	—
6, 7	Latin II and III	12	12	12*	12	—	—
8	Ancient History	—	11	—	—	11	—
9	Comparative Philology	5	—	—	5	—	—
11	Honours Classics		Times to be arranged				
12	Honours Latin		Times to be arranged				
21	English I—Lectures .. Day	—	12	12	—	12	—
	.. .. Night	—	5.15	—	—	5.15	—
	.. .. Tutorials	—	Times to be arranged			—	—
22	English II—Lectures Even Years	—	11	—	—	11	—
	.. .. Lectures Odd Years	—	5.15	—	—	5.15	—
	.. .. Tutorials	—	Times to be arranged			—	—
23	English III—Lectures Even Years	—	5.15	—	—	5.15	—
	.. .. Lectures Odd Years	—	11	—	—	11	—
	.. .. Tutorials	—	Times to be arranged			—	—
28	Honours English		Times to be arranged				
31	French I—Lectures .. Day	—	10	—	—	10	—
	.. .. Night	—	6.15	—	—	6.15	—
	.. .. Oral	—	—	10	—	—	—
	.. .. Day	—	—	6.15	—	—	—
	.. .. Night	—	Times to be arranged			—	—
	.. .. Tutorials	—	Times to be arranged			—	—
32	French II Lectures	10	—	—	10	—	—
	.. .. Oral	—	Times to be arranged			—	—
33	French III Lectures	—	9	—	—	9	—
	.. .. Oral	—	Times to be arranged			—	—
35, 36,	Old and Middle French I and		Times to be arranged				
38	.. .. II and Honours French		Times to be arranged				
40	German IA		Times to be arranged				
41	German I	—	9	10	10	—	—
42	German II	—	4.15	—	4.15	4.15	—
43	German III	—	5.15	4.15	—	4.15	—
48	German Honours First Year ..	—	—	5.15	4.15	—	—
	.. .. Second Year ..	4.15	—	—	—	—	—
	.. .. Second and	—	5.15	—	5.15	—	—
	.. .. Final Years ..	—	—	—	—	—	—
	Seminar for all Honours German	—	—	—	—	6.45	—
	.. .. Students	—	—	—	—	—	—
49	Scientific German Beginners ..		Two hours to be arranged				
	.. .. Advanced		One hour to be arranged				
51	Social History	9	—	9	—	—	—
52	History I	6.15	—	—	6.15	—	—
54	History IIA	—	—	12	11**	12	—
55	History IIB Even Years	6.15	—	—	6.15	—	—
	.. .. Odd Years	5.15	—	—	5.15	—	—

* Latin III, third term only. ** First term only.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
56	History III	5.15	—	—	5.15	—	—
58	Honours History	—	Times to be arranged		—	—	—
61, 61a	Politics I and II .. Even Years	—	7.15	—	—	7.15	—
	.. Odd Years	—	9	—	—	9	—
62	*Politics IIA .. Even Years	9	—	—	9	—	—
	.. Odd Years	6.15	—	—	6.15	—	—
63	Politics IIB .. Even Years	6.15	—	—	6.15	—	—
	.. Odd Years	9	—	—	9	—	—
64	*Politics IIIA .. Even Years	5.15	—	—	5.15	—	—
	.. Odd Years	10	—	—	10	—	—
65	Politics IIIB .. Even Years	—	10	—	—	10	—
	.. Odd Years	—	5.15	—	—	5.15	—
68	Honours Politics	—	Times to be arranged		—	—	—
71	Philosophy I Day	11	—	—	11	—	—
	.. Night	—	5.15	—	—	5.15	—
72	Philosophy IIA	}	Times to be arranged		—	—	—
73	Philosophy IIB		Times to be arranged		—	—	—
74	Philosophy IIIA		Times to be arranged		—	—	—
75	Philosophy IIIB		Times to be arranged		—	—	—
78	Honours Philosophy	—	Times to be arranged		—	—	—
80	Psychology IA—Lectures Day	10	—	—	10	—	—
	.. Night—Even Years	6.15	—	—	6.15	—	—
	.. Odd Years	4.15	—	—	4.15	—	—
81	Psychology I—Lectures Day	10	—	—	10	—	—
	.. Night—Even years	6.15	—	—	6.15	—	—
	.. Odd Years	4.15	—	—	4.15	—	—
	Laboratory (2hrs.) Day	—	2.15-4.15	2.15-4.15	—	—	—
	.. Night	—	6.15-8.15	—	—	—	—
82	Psychology IIA—Lectures	—	—	—	—	—	—
	.. Even Years	—	2	11	—	—	—
	.. Odd Years	4.15	4.15	—	—	—	—
	Psychometrics—Even Years	—	3	—	—	—	—
	.. Odd Years	—	5.15	—	—	—	—
	Laboratory—Even Years	—	—	—	9-12	—	—
	.. Odd Years	—	—	—	6-9	—	—
83	Psychology IIB—Lectures	—	—	—	—	—	—
	.. Even Years	4.15	4.15	—	—	—	—
	.. Odd Years	—	2	11	—	—	—
	Psychometrics—Even Years	—	5.15	—	—	—	—
	.. Odd Years	—	3	—	—	—	—
	Laboratory—Even Years	—	—	—	4.15-6.15	—	—
	.. Odd Years	—	—	—	6.45-7.45	—	—
	.. Odd Years	—	—	—	9-12	—	—
**84	†Psychology IIIA—Lectures	—	—	—	—	—	—
	.. Even Years	5.15	—	4.15	—	—	—
	.. Odd Years	10	—	10	—	—	—
	Psychometrics—Even Years	—	—	5.15	—	—	—
	.. Odd Years	—	—	11	—	—	—
	Laboratory—Even Years	—	4.15-6.15	—	4.15-6.15	—	—
	.. Odd Years	—	2.15-4.15	—	4.15-6.15	—	—
85	†Psychology IIIB—Lectures	—	—	—	—	—	—
	.. Even Years	10	—	10	—	—	—
	.. Odd Years	5.15	—	4.15	—	—	—
	Psychometrics—Even Years	—	—	11	—	—	—
	.. Odd Years	—	—	5.15	—	—	—
	Laboratory—Even Years	—	2.15-4.15	—	2.15-4.15	—	—
	.. Odd Years	—	4.15-6.15	—	4.15-6.15	—	—
91	Geography I—Lectures	—	—	—	—	—	—
	.. Day—Each Year	11	—	—	11	—	—
	.. Night—Odd Years	—	5.15	—	—	5.15	—
	.. Practical (one hour)	—	Time to be arranged		—	—	—
92	Geography II—Lectures	4.15	—	—	4.15	—	—
	.. Even Years	4.15	—	—	4.15	—	—
	.. Odd Years	10	—	10	—	—	—
	.. Practical	—	Times to be arranged		—	—	—
93	Geography III (first and second terms)	7.15-9.15	4.15-6.15	—	—	4.15	9-11
	.. Third term	—	—	4.15	—	4.15	—
95	Economic Geography Even Years	—	9	—	9	—	—
	.. Odd Years	—	7.15	—	—	7.15	—
	Tutorial (one hour)	—	Time to be arranged		—	—	—
98	Honours Geography	—	Times to be arranged		—	—	—
101	Education Day	—	2	—	2	—	—
	.. Night	—	5	—	5	—	—
N.B.—All Economics subjects— under Faculty of Economics.							

* Not available until 1960.

† Third year students must be prepared to attend Laboratory Sessions for two hours a week or field work in addition to those shown on the timetable.

** Unlikely to be available in 1959.

FACULTY OF ARTS—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
			DIPLOMA IN EDUCATION				
105	Hygiene	9	—	—	—	6.15	—
108	Pre-Primary Education III ..	4.30	—	—	—	—	—
111	Primary Education III	—	—	4.30	—	—	—
114	Secondary Education III ..		Times to be arranged				
117	Educational Psychology II ..		Times to be arranged				

FACULTY OF ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
150	Social Economics Even Years	5.15	—	—	5.15	—	—
	Odd Years	—	—	12	—	12	—
151	Economics I .. Even Years	5.15	—	—	5.15	—	—
	Odd Years	—	—	12	—	12	—
152	Economics II .. Even Years	—	—	10	—	10	—
	Odd Years	—	—	5.15	—	5.15	—
153	Economics III .. Even Years	5.15	—	5.15	—	5.15	—
	Odd Years	10	—	10	—	10	—
154	Economic Development I						
	Even Years	—	—	6.15	6.15	—	—
	Odd Years	—	10	—	10	—	—
155	Economic Development II						
	Even Years	—	11	—	—	11	—
	Odd Years	5.15	—	5.15	—	—	—
156	Agricultural Economics ..	—	—	2	2	—	—
158	Honours Economics		Times to be arranged				
161	Economic Statistics I Even Years	—	—	12	—	12	—
	Odd Years	5.15	—	—	5.15	—	—
162	Economic Statistics II Odd Yrs. only ..		Times to be arranged				
169	Public Finance Odd Years only		Times to be arranged				
171	Elements of Accounting						
	Even Years	—	12	—	12	—	—
	Odd Years	—	5.15	—	5.15	—	—
172	Management Accounting						
	Even Years	—	5.15	—	5.15	—	—
	Odd Years	—	12	—	12	—	—
173	Financial Accounting Even Years	—	12	—	12	—	—
	Odd Years	—	5.15	—	5.15	—	—
174	Cost Accounting Even Years	—	5.15	—	5.15	—	—
	Odd Years	—	—	5.15	—	5.15	—
181	Commercial Law A Even Years	—	—	5.15	—	5.15	—
	Odd Years	8.45 a.m.	—	—	—	8.45 a.m.	—
182	Commercial Law B Even Years	—	5.15	—	5.15	—	—
	Odd Years	—	—	5.15	—	5.15	—
95	Economic Geography Even Years	—	9	—	9	—	—
	Odd Years	—	7.15	—	—	7.15	—
	Tutorials (One Hour)		Times to be arranged				

Times for tutorial classes will be arranged at commencement of lectures.

NIGHT LECTURES FOR 1959
FACULTIES OF ARTS, SCIENCE AND ECONOMICS

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
5	Latin I	5.15-6.15	—	—	5.15-7.15	—	—
9	Comparative Philology	5	—	—	5	—	—
21	English I Tutorials	—	5.15 Times to be arranged	—	—	5.15	—
22	English II	—	5.15	—	—	5.15	—
31	French I—Lectures Oral	— —	6.15 —	— 6.15	—	6.15 —	—
41	German I	—	No night lectures in 1959.				
42	German II	—	4.15	—	4.15	4.15	—
43	German III	—	5.15	4.15	—	4.15	—
52	History I	6.15	—	—	6.15	—	—
55	History IIB	5.15	—	—	5.15	—	—
56	History III	5.15	—	—	5.15	—	—
65	Politics IIIB	—	5.15	—	—	5.15	—
71	Philosophy I	—	5.15	—	—	5.15	—
81, 80	Psychology I and IA	4.15	—	—	4.15	—	—
81	Psychology I Laboratory ..	—	6.15-8.15	—	—	—	—
82	Psychology IIA—**Lectures	4.15	4.15	—	—	—	—
85	Psychology IIIB—**Lectures	3.15	—	4.15	—	—	—
91	Geography I Lectures Practical (one hour)	—	5.15 Times to be arranged	—	—	5.15	—
93	Geography III (first and second terms) Third term	7.15-9.15 —	4.15-6.15 —	— 4.15	— —	4.15 4.15	9-11 —
95	Economic Geography Tutorial (one hour)	—	7.15 Times to be arranged	—	—	7.15	—
101	Education	—	5	—	5	—	—
105	Hygiene	—	—	—	—	6.15	—
155	Economic Development II ..	5.15	—	5.15	—	—	—
161	Economic Statistics I	5.15	—	—	5.15	—	—
171	Elements of Accounting	—	5.15	—	5.15	—	—
173	Financial Accounting	—	5.15	—	5.15	—	—
174	Cost Accounting	—	—	5.15	—	5.15	—
182	Commercial Law	—	—	5.15	—	5.15	—
201	General Mathematics	5.15	—	5.15	—	5.15	—
221	Physics I—Lectures Practical	5.15 6.15-8.15	— —	5.15 6.15-8.15	— —	5.15 —	— —
231	Chemistry I—Lectures *Practical (at S.M.)	5.15 —	— —	5.15 7.15-10	— —	5.15 7.15-10	— —
251	Geology I—Lectures Practical	— —	6.15 5.15	— —	6.15 5.15	— —	— —
269	Biology Lectures Practical	— —	— —	6.15 7.15-9.45	— —	6.15 7.15-9.45	— —

* Candidates should consult the School of Mines authorities early in the year, and especially about practical work in Organic Chemistry.

** For times of Psychometrics and Laboratory work, see p. 849.

FACULTY OF SCIENCE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS—						
201	General Mathematics—Lectures .. Tutorials ..	10 —	10 9	— —	10 9§	— —
202	Pure Mathematics I—Lectures .. Tutorials (1 hr.) ..	10 —	10 9	— —	10 9§	— —
207	Applied Mathematics I—Lectures .. Tutorials (1 hr.) ..	11 —	11 —	— 12	11 10	— 11
216	First Year Honours Mathematics .. Tutorials (1 hr.) ..	10	10	—	10	—
		Times to be arranged				
221	General Physics—Lectures Practical* Tutorial	9 2-5(A) —	— — —	9 — —	— 2-5(B) 9§	9 — —
223	Physics I—Lectures Practical* Tutorial	9 2-5(A) —	— — —	9 — —	— 2-5(B) 9§	9 — —
231	Chemistry I—Lectures Practical**	12 —	— 2-5(A) 10-1(B)	12 2-5(A) —	— 2-5(C) 10-1(B)	12 2-5(C) —
251	Geology I—Lectures Practical*	— —	— 12(A)	11 10(B)	— 12(A)	11 10(B)
261	†Botany I—Lectures Practical	— —	— 2-5	— 2-5	— —	10 —
269	Biology—Lectures Practical	— —	— 11-1(A)	11 2-5(B)	— 11-1(A) 2-5(B)	11 —
271	††Zoology I—Lectures Practical	11 2-5	9 —	— —	— —	— 2-5
SECOND-YEAR SUBJECTS—						
203	Pure Mathematics II—Lectures .. Tutorials (1 hr.) ..	— 10	9 —	9 10	— —	9 —
209	Applied Mathematics II—Lectures .. Tutorials (1 hr.) ..	11 10, 12	11 —	— —	11 —	— —
213	Statistical Methods—Lectures .. Tutorials	12 —	— —	— 2-4	9 —	— —
224	Physics II—Lectures Practical	— —	12 2-5	— —	12 —	12 2-5
233	Physical and Inorganic Chemistry II— Lectures Practical (6 hrs.) Tutorial	— 10-1 2-5 —	— — — —	12 10-1 2-5 —	9 2-4 — 4	11 — — —
235	Chemistry II—Lectures Practical†	— 10-1 2-5	— — —	12 — —	12 — —	9 — —
236	Organic Chemistry II—Lectures .. Practical	— 10-5	— —	— —	10 —	10 —
252	Geology II—Lectures Practical §§	10 11, 12	10 11	— —	10 11	— —
262	Botany II—Lectures Practical	— 10-12††	9 10-1	9 10-12††	— —	12 2-5
274	Zoology II—Lectures Practical	— 10-12†† 2-5	— 2-5	— 10-12††	12 —	11, 12 —

* A candidate must attend either Session A or Session B.

** A candidate must attend either Session A or Session B or Session C.

† Times for Genetics lectures in third term for students taking Botany I will be as follows:

Lecture, Wednesday, 10; Practical, Wednesday, 2-5.

†† Times for Genetics lectures in third term for students taking Zoology I will be as follows:

Lecture, Tuesday, 9, Practical, Monday, 2-5.

‡ These two periods are alternatives.

§ Subject to alteration.

§§ And two additional hours at times to be arranged.

FACULTY OF SCIENCE—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
281	Biochemistry I—Lectures	12	—	—	11	9
	Practical	—	—	2-5	2-5	—
291	Bacteriology I—Lectures	—	9	9	—	—
	Practical	—	10-1	10-1	—	—
296	Genetics I—Lectures Part A	9	—	—	—	—
	Part B	—	—	—	—	10
	Practical Part A (2 hrs.)	—	2-4	10-12	9-11	—
	Part B (2 hrs.)	10-12	—	2-4	—	—
301	Histology	—	*9-1	—	*9-1	—
THIRD-YEAR SUBJECTS						
49	Scientific German—Beginners	Two hours to be arranged One hour to be arranged				
	Advanced					
205	Pure Mathematics III	9	—	10	9	10
	Tutorials (1 hr.)	—	—	—	10	9
211	Applied Mathematics III	—	—	11,12	—	11,12
	Tutorials	—	—	—	10	9
214	Mathematical Statistics	Times to be arranged				
225	Physics IIIA—Lectures	—	—	—	12,4	4
	Practical (9 hrs.)	All day	—	All day	All day	—
237	Physical and Inorganic Chemistry III	—	9	9	—	9
	Lectures	—	All day	All day	—	—
	Practical (12 hrs.)	—	—	—	—	—
239	Organic Chemistry III—Lectures	10	—	—	10	10
	Practical	2-5	—	—	All day	All day
254	Geology III—Lectures	9	—	—	9, 11	10
	Practical (12 hrs.)	All day	—	—	All day	All day
257	Palaeontology	Times to be arranged				
265	Botany III—Lectures	—	9	9	—	9
	Practical	—	10-1	—	—	All day
275	Zoology III—Lectures	12	—	—	12	11
	Practical	2-5	2-5	—	2-5	—
282	Biochemistry II—Lectures	9	—	10	9	—
	Practical	10-1	—	All day	10-1	—
286	Physiology—Lectures	10	—	—	10	10
	Practical	2-5	—	2-5	—	2-5
292	Bacteriology II—Lectures	11	—	11	—	12
	Practical	—	Times to be arranged			—
297	Genetics II—Lectures	12	—	—	12	10
	Practical	—	Times to be arranged			—

* Subject to alteration.

FACULTY OF ENGINEERING

The time-tables under headings Second-Year, Third-Year, Fourth-Year and Fifth-Year are based on the five year courses in operation up to the beginning of 1958.

Note: Where alternative periods are shown, a candidate may be directed to attend at a particular period.

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
PRELIMINARY YEAR COURSES							
201	General Mathematics	10	10	—	10	—	—
	Lectures	11	—	—	11	—	—
	Tutorials (1 hour)	—	—	—	—	—	—
202	Pure Mathematics I—Lectures	10	10	—	10	—	—
	Tutorial (1 hr.)	11	—	—	11	—	—
221	General Physics—Lectures ..	9	—	9	—	9	—
	Practical (3 hrs.)	—	2-5	2-5	—	—	—
232	Chemistry IA—Lectures ..	—	9	—	9	—	—
	Practical (3 hrs.)	—	—	—	2-5	2-5	—
481	Engineering Drawing I	12	—	—	—	—	—
	Lectures	2-5	—	2-5	2-5	2-5	—
	Practical (3 hours)	—	—	—	—	—	—
1214	Workshop Practice I—Lectures	2-5	2-5	10-1	—	10	—
	Practical (3 hrs.)	—	—	—	—	2-5	9-12
SECOND-YEAR COURSES							
204	Pure Mathematics IIA—	—	—	9	—	9	—
	Lectures	12	—	11	—	—	—
	Tutorial (1 hr.)	—	—	—	—	—	—
205	Pure Mathematics IIB—Lectures	—	9	9	—	9	—
	Tutorial (1 hr.)	12	—	11	—	—	—
207	Applied Mathematics I—Lectures	11	11	—	11	11	—
	Tutorial (1 hr.)	—	—	12	10	—	—
222	Engineering Physics	—	12	—	12	12	—
	Lectures	2-5	—	—	2-5	—	—
	Practical (3 hrs.)	—	—	—	—	—	—
222a	Physics II, B.E. Course—	—	12	—	12	—	—
	Lectures	2-5	—	—	2-5	—	—
	Practical	—	—	—	—	—	—
234	Physical and Inorganic Chemistry	—	—	12	9	—	—
	IIA—Lectures	—	12-5	—	—	12-5	—
	Practical***	—	—	—	—	—	—
235B	Chemistry IIB	—	—	Times to be arranged.			
437	Surveying I—Lectures	—	—	10	—	—	—
	Practical	—	2-5	—	—	—	—
481	Engineering Drawing I	—	—	—	—	—	—
	Lectures	12	—	—	—	—	—
	Practical (3 hours)	2-5	—	2-5	2-5	2-5	—
491	First Aid***†—Lectures (as notified)	—	5	—	—	—	—
	Practical (2 hrs.)	—	To be arranged in the evening				—
492	General Engineering*	—	—	—	—	11	—
1214	Workshop Practice I—	—	—	—	—	—	—
	Lectures	—	—	—	—	10	—
	Practical (3 hrs.)	2-5	2-5	10-1	—	2-5	9-12
1215	Workshop Practice II—	—	10	—	—	—	—
	Lectures	—	—	—	2-5	2-5	—
	Practical (3 hrs.)	2-5	—	—	—	—	—
THIRD-YEAR COURSES							
210	Applied Mathematics IIA—	—	11	—	11	—	—
	Lectures	—	—	12	—	12	—
	Tutorial (1 hr.)	—	—	—	—	—	—
251	Geology I—Lectures	—	—	11	—	11	—
	Practical†	—	12(A)	10(B)	12(A)	10(B)	—

* First two terms. ** First Aid may be taken in any year.

*** Practical work at School of Mines for Mining, Metallurgical and Chemical Engineering students only.

† One term only. ‡ Candidates must attend either session (A) or session (B).

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
401	Architectural Theory, Construction and Practice I—Lectures Practical	— 2-5	— —	9 —	— —	— —	— —
412	Architectural Design II ..	—	2-5 6.30-9.30	—	—	—	—
434	Hydraulics—Lectures Practical (3 hrs.)†	— 2-5	— —	— 9-12	— —	9 —	— —
436	Strength of Materials—Lectures Practical (3 hrs.)	— —	9 —	— —	9 2-5	— 2-5	— —
43	Surveying IB—Lectures† .. Practical†† ..	11 2-5	— —	— —	— —	— —	— —
441	Electrical Engineering I—Part A—Lectures Practical (3 hrs.)***	— —	— —	— 9-12	10 2-5	10 —	— 9-12
	Part B—Lectures Practical (3 hrs.)*	— —	— —	— 9-12	— 2-5	11 —	— 9-12
461	Process Engineering I	—	11	—	12**	9	—
467	Applied Physical Chemistry .. Lectures Practical	12 —	— —	12 2-5	— —	— —	— —
482	Engineering Drawing II—Lectures Practical (3 hrs.)	10 2-5	— 2-5	— —	— —	— —	— —
1262	Physical Metallurgy I—Lectures Practical	— —	12 —	— —	— 2-5	— —	— —
1272	Engineering Materials—Lectures Practical (3 hours)*** ..	11 2-5	— 2-5	— 2-5	— —	— —	— —
FOURTH-YEAR COURSES							
251	Geology I—Lectures Practical† Practical†††	— — —	— 12(A) 11	11 10(B) —	— 12(A) 10	11 10(B) —	— — —
253	Geology II (B.E. course)***—Lectures Practical (6 hrs.)	10 11-1	10 11	— —	10 —	— —	— —
256	Mining Geology*—Lectures .. Practical (6 hrs)	— 10-1	10 11-12	— —	10 —	— —	— —
402	Architectural Theory, Construction and Practice II—Lectures Practical	12, 5.30 9-12	— —	— —	— —	9 —	— —
413	Architectural Design III— ..	—	—	—	—	6.30-9.30	9-12
431	Civil Engineering I—Lectures Laboratory (3 hrs.)† .. Drawing Office	— 2-5 —	9 — —	— 9-12 —	11 — 2-5	— — —	— — —
434	Hydraulics—Lectures Practical (3 hrs.)†	— 2-5	— —	— 9-12	— —	9 —	— —
441	Electrical Engineering I—Part A Lectures Practical (3 hrs.)***	— —	— —	— 9-12	10 —	10 —	— 9-12

* One term only. ** First two terms. *** For two terms.

† Candidates must attend either session (A) or session (B). †† Second term only.

††† Civil Engineering candidates only. ‡ For nine periods only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
442	Electrical Engineering II— ..						
	Lectures	—	11	—	9	11	—
	Practical	10-1	—	—	—	—	—
		2-5					
451	Mechanical Engineering I—						
	Part A—Lectures	—	12	12	—	12§	—
	Practical (3 hrs.)** ..	—	2-5	2-5	—	—	—
	Drawing Office						
	(3 hrs.)**	—	2-5	2-5	—	—	—
	Part B—Lectures	—	—	—	9††	11§§§	—
	Practical***	—	2-5	2-5	—	—	—
	Drawing Office*** ..	—	2-5	2-5	—	—	—
462	Process Engineering II						
	Part A—Lectures	10	—	—	11	—	—
	Practical (3 hrs.) ..	2-5	—	—	—	—	—
	Part B—Lectures	—	—	—	12	11	—
	Part C—Lectures	—	—	—	—	12§§§	—
471	Mining Engineering I	9	—	—	—	10	—
1008	Surveying IA—Lectures ..	—	—	—	9	—	—
	Practical	—	—	—	—	2-5	—
FIFTH-YEAR COURSES							
403	Architectural Theory, Construc- tion and Practice III—						
	Lectures	—	—	9	5.30	—	—
	Practical	—	—	5.30	—	—	—
		—	—	10-1	—	—	—
419	Architectural Thesis	—	—	—	—	9-1	—
		—	—	—	—	2-5	—
432	Civil Engineering II—						
	Part A—Lectures	—	9	—	9, 11††	9	—
	Practical and Seminars ..	10-1§§	—	—	—	2-5	—
	Part B—Lectures	9, 10†††	11	9	—	—	—
	Practical	11-1†††	2-5	—	2-5	—	—
		2-5					
435	Structural Design—						
	Lectures	—	Times to be arranged	—	—	—	—
	Practical (8 hrs.) ..	2-4	2-5	—	2-5	—	—

** For two terms. *** One term only. †† Second term only.

††† First two terms. § First term only. §§ Third term only. §§§ Second and third term only.

FACULTY OF ENGINEERING—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
443	Electrical Engineering III— Electrical Engineering Theory Lectures	9	9	—	—	—	—
	Specialist Lectures and Seminar	—	—	—	—	2-5	—
	Power Option— Electrical Power— Lectures Practical	10-1	2-5	9, 10 2-5	11 2-5	—	—
	Electronics Option— Electronics and Communications Lectures Practical	10-1	2-5	11 2-5	9 2-5	11	—
452	Mechanical Engineering II— First Term— Part A—Lectures .. Practical .. Part B—Lectures .. Practical .. Seminars and tutorials	— — 11 2-5	10 11 9 2-5	10 — 9, 11 —	9 10 — —	— — 11 2-5 9-11	— — — — —
	Second Term— Part A—Lectures .. Practical .. Part B—Lectures .. Practical .. Seminars and tutorials	— — 10 11-5	9, 10 11 — —	10 — 11 —	— 9-1 2-5 —	— — 11 2-5 9-11	— — — — —
	Third Term— Part A—Lectures .. Practical .. Part B—Practical .. Seminars and tutorials	— — 11-5 10	9-5 — — —	— — — —	— — 2-5 10-12	— — 2-5 9-11	— — — —
463	Process Engineering III Part A—Lectures Practical Part B—Lectures Practical Part C—Seminars Part D—Practical	— — — — — 10-1 2-5	12 — — 9-12 — — —	9 — — — — 10-1 2-5	— — 12 — 10-12 — —	10, 12 2-5 11 — — — —	— — — — — — —
464	Automatic Process Control— Lectures Practical	9 —	— —	— —	— 2-5	— —	— —
466	Oredressing—Lectures .. Practical ..	— —	— 2-5	— —	9 —	9 —	— —
472	Mining Engineering II— Lectures Practical	11 10-11 12-1 2-5	10 11-1 — —	— — — —	10 11-1 2-5 —	— — — —	— — — —
493	Industrial Engineering	—	—	—	12	12	—
1255	Extractive Metallurgy IA— Lecture Practical	— —	Time to be arranged			— 2-5	— —
1271	Assaying I—Lecture and Practical	—	—	9-12	—	—	—

FACULTY OF AGRICULTURAL SCIENCE

FIRST YEAR

Chemistry I
General Physics
Botany I
Zoology I

} See Faculty of Science

SECOND YEAR

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
361	Agriculture I	—	—	2-4	—	12
363	Chemistry II	10-1, 2-5	—	12	12	9
364	Botany IIB	—	9-1	9	—	2-5
365	Geology I	—	—	10-12	—	10-12
366	Genetics IA—Lecture Practical	9 —	— —	— —	— 9-11	— —

THIRD YEAR

(All subjects are taken at the Waite Institute except on Wednesdays.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
371	Agriculture II (Pt. A)	—	9-1	—	—	—
372	Agricultural Chemistry I	—	—	—	—	9-1
379	Soil Science I	9-1	—	—	—	—
373 378	Biometry (1st term) Agricultural Botany (2nd and 3rd terms)	2-5	—	—	12	—
371	Agriculture II (Part B) (1st term)	—	2-5	—	2-5	—
374	Entomology I (2nd and 3rd terms)	—	2-5	—	—	—
377	Plant Pathology I (2nd and 3rd terms)	—	—	—	2-5	—
382 383 398	Animal Husbandry I Farm Engineering Farm Demonstrations	Lectures are given at Roseworthy Agricultural College on Wednesday.				

FOURTH YEAR

(All subjects, except Genetics II and Animal Husbandry II, are given at the Waite Institute.)

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
386	Agricultural Economics	—	—	4*	9	—
387	Agriculture III	9	—	—	2-5	12
388	Agriculture IV	10-1	—	—	—	9-12
394	Horticulture	10-1	—	—	—	2-5 9-12
390	Genetics II—Lectures Practical	12 10-1	—	—	12	2-5 10 9-12
393	Agricultural Chemistry II	—	—	9-1 2-4	10-1	—
391	Plant Breeding	—	—	9-1 2-4	10-1	—
396	Entomology II	—	—	9-1 2-4	10-1	—
389	Animal Husbandry II	2-5	10-1 2-5	—	—	—
395	Plant Pathology II	2-5	10-1 2-5	—	—	—
392	Soil Science II	2-5	10-1 2-5	—	—	—

* Subject to alteration.

DIPLOMA IN PHYSIOTHERAPY

859

FIRST YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9		Histology (1st Term) Anatomy**	Anatomy (2nd term)	Histology (1st Term) Anatomy**	
10	Social Psychology	Theory of Movement**		Social Psychology	
11	Anatomy (1st term)		Theory of Movement**		Anatomy (1st Term)
12		Histology*		Histology*	
1					
2	Physics	Histology Practical		Histology Practical	Practical Massage
3	Theory of Massage				
4		Physiology		Physiology†	

* Second and third terms.

** Third term.

† First and second terms

SECOND YEAR

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9					
10		Neurology		Neurology	
10.30	Theory of Treatments		Queen Victoria Hosp. (10.30-12)		Practical Massage
11		Remedial Exercises		Theory of Movement	
12	Anatomy†				Anatomy†
1	Practice at R.A.H. (1-5)	Muscle Re-educ.	Practice at R.A.H. (1-5)	Muscle Re-educ. (1.30)	Practice at R.A.H. (1-5)
2		2-4. Medical Electricity			
3					
3.30				Pathology (3.30-5)	

† First and second terms.

THIRD YEAR

Practical work at the hospitals begins on the first Monday in February. Students are divided into two groups, each working half the year at the Royal Adelaide Hospital and half at the Adelaide Children's Hospital. Those at R.A.H. attend the Queen Victoria Maternity Hospital each day for two weeks in turn. Those at A.C.H. visit either the Somerton Crippled Children's Home, or the Spastic Centre for half a day in alternate weeks.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
12.30					
1.30				Theory of Specialised Treatments	
2					
2.30				Muscle re-educ.	
3		Muscle Re-educ.			
4		Theory of Medical Electricity†		Theory of Treatments**	

† 4 lectures only in third term.

** 10 lectures in second and third terms.

DIPLOMA IN PHYSICAL EDUCATION

To be arranged in consultation with the Senior Lecturer-in-Charge

DIPLOMA IN SOCIAL STUDIES

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
831	Economics—Social Economics (150) Economics I (151)	—	—	12 12	— —	12 12
832	Psychology I—Lectures Laboratory	10 or 4.15 —	— 2.15-4.15 or 6.15-8.15	— 2.15-4.15	10 or 4.15 —	— —
833	Human Biology B	—	4	—	4	—
834	Biology—Lectures Practical or Lectures Practical	— — — —	— 11-1 — —	— 11 — 6.15 7.15-9.45	— 11-1 — — —	— 11 — 6.15 7.15-9.45
836	Social Work I—Lecture Visits of Observation Field Work	— — —	— 2-4 —	— — To be arranged	— 2-4 —	— — —
841	Social History—Politics I (61) History IIB (55) Social History (51)	6.15 5.15 9	— — —	— — 9	6.15 5.15 —	— — —
842	Psychology IIB—Lectures Psychometrics Laboratory	— — —	2 3 —	11 — —	— — 9-12	— — —
843	Physiology	—	4	—	4*	—
844	Human Nutrition	12	12	—	—	—
846	Social Work II—Lectures Field Work	— 9.30-4.30	9-11 —	12 —	— —	— 9.30-4.30
851	Social Organisation	—	—	To be arranged	—	—
852	Sociology	—	—	—	—	2.30-4.30
856	Social Work III—Lectures Field Work	2-4 9-12.30	— 9-12.30	2-4 9-12.30	— 9-12.30	— 9-12.30
859	Field Work—First Year Second Year Third Year	— — —	— — —	— — —	— — —	— — —

* First and second terms.

Note: Seminars and individual tutorials to be arranged.

FACULTY OF MEDICINE FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	9	12	—	—
Practical (3 hrs.)	9-12	—	—	—	2-5
Tutorials	—	—	4	—	—
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	—	11	—	11
*Practical (5 hrs.)	—	11-1(A)	2-5(B)	11-1(B) 2-5(A)	—
Medicine and the Humanities	Times to be arranged				

FACULTY OF DENTISTRY FIRST-YEAR COURSE

	Monday	Tuesday	Wednesday	Thursday	Friday
Physics—Lectures	12	9	12	—	—
Practical (3 hrs.)	9-12	—	—	—	—
Tutorials	—	—	4	—	—
Chemistry—Lectures	—	10	—	10	10
Practical (3 hrs.)	9-12, 2-5	—	—	—	2-5
Biology—Lectures	—	—	11	—	11
*Practical (5 hrs.)	—	11-1(A)	2-5(B)	11-1(B) 2-5(A)	—
Dental Materials and Technics I	To be arranged				

* Candidates attend either sessions (A) or sessions (B).

DIPLOMA IN PHARMACY

FIRST YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
751	Theoretical Inorganic Chemistry	All	5.15	—	—	—	5.15
752	Theoretical Inorganic Chemistry (B.P. Salts in Room 202 of the Darling Building) ..	All	—	12	—	—	2
753	Practical Inorganic Chemistry (in the Johnson Building) ..	All	2-5	—	—	—	—
	PHARMACY I (754 & 755) (in the Darling Building) : ..						
754	Elementary Pharmacy—Lecture Practical	All 2-3	—	9	—	—	2 9-12
755A	History of Pharmacy History of Australian Pharmacy	All	10.30	—	—	—	—
			Times to be arranged				
755B	First Aid Surgical Dressings and Appliances	2 1	—	5	—	—	— 9

SECOND YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
761	Theoretical Organic Chemistry	1 2, 3	—	10 10	—	— 10	—
762	Practical Organic Chemistry ..	1 2, 3	— —	— —	— —	9-1 2-5 11-1 2-5	— — — —
763	Biology	All	—	—	6.15-9.15	—	6.15-9.45
771	Botany and Pharmacognosy ..	1, 2	—	3-5	—	—	—

THIRD YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
711	Botany and Pharmacognosy ..	3	2-5	—	—	—	—
772	PHARMACY II (772, 773, 774): Commercial Pharmacy	1, 2	12	—	—	—	—
773	Practical Pharmacy Volumetric Analysis & Drug Assay	All 1, 2	9-12 2-5.30	—	—	—	—
744	Practical Experience		Times to be arranged				

DIPLOMA IN PHARMACY — Continued

FOURTH YEAR

No. in Syllabus	Subject	Terms	Monday	Tuesday	Wed.	Thursday	Friday
781	PHARMACY III (781, 782, 783):						
	Practical Pharmacy and Dispensing—Lectures	1 2, 3 2, 3	— — —	11 11 —	— — 2, 5	11 2 —	— — —
	Practical	2, 3	—	—	—	—	—
	Practical Sessions: Sterilization and Aseptic Techniques ..		Times to be arranged				
782	Forensic Pharmacy	1, 2 —	— —	— —	— —	3.30 —	— —
783	Pharmacy Organization ..	1, 2	—	2	—	—	—
		2, 3	—	—	—	9	—
791	PHARMACY IV (791, 793, 794, 795):						
	Pure Pharmacology—Lectures ..	1 2, 3 2, 3	— — —	12 12 —	— — 7.30	12 — —	— — —
	Practical	2, 3	—	—	—	—	—
					7.30	—	—
792	Bacteriology	1	—	—	7.30	—	—
793	Nutrition	2, 3	—	—	—	12	—
794	Organic Medicinals	All	—	—	12	—	—
795	Social Biology	3	—	4	—	4	—

FACULTY OF MUSIC

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday	Saturday
671	Chief Prac. Study I						
671	Second Prac. Study I						
672	Chief Prac. Study II						
672	Second Prac. Study II						
673	Chief Prac. Study III						
673	Second Prac. Study III						
691	Speech Training I						
692	Speech Training II						
694	Concerto		Times to be arranged				
695	The Scope of School Music I ..						
696	The Scope of School Music II ..						
697	The Scope of School Music III						
700	Principles of Class Music Teaching I						
701	Principles of Class Music Teaching II						
702	Principles of Class Music Teaching III						
703	Modern Languages I	5.30 (Italian)	—	—	—	—	—
704	Modern Languages II	—	5.30 (French)	—	—	—	—
705	Modern Languages III	—	—	5.30 (German)	—	—	—
706	Ensemble Playing I						
707	Ensemble Playing II						
708	Drama I						
709	Drama II						
710	Drama III		Times to be arranged				
711	Harmony I	3	—	3	—	—	—
712	Harmony II	—	3	—	3	—	—
713	Harmony III	9	—	—	12	—	—
714	Harmony IV	—	9	—	9	—	—
717	Counterpoint I	—	3	—	3	—	—
718	Counterpoint II	9	—	—	12	—	—
719	Counterpoint III	—	9	—	9	—	—
722	Canon and Fugue	—	—	11	11	—	—
726	History of Music I	4	2	—	—	—	—
727	History of Music II	—	4	—	4	—	—
728	History of Music III	—	—	9	9	—	—
729	History of Music IV	9	—	10	—	—	—
730	Literature of Music		Times to be arranged				

FACULTY OF MUSIC—Continued

No. in Syllabus	Subject	Monday	Tuesday	Wed	Thursday	Friday	Saturday
731	Form	—	—	11	—	—	—
735	Orchestration I	—	—	10	—	—	—
736	Orchestration II	—	11	—	—	—	—
738	Musical Criticism and Aesthetics	—	3	—	—	—	—
739	Essay I	11	—	—	—	—	—
740	Essay II	11	—	—	—	—	—
741	Practical Tests I	2	—	2	—	—	—
742	Practical Tests II	—	2	—	2	—	—
743	Practical Tests III	10	—	—	11	—	—
744	Practical Tests IV	—	10	—	10	—	—
746	Acoustics (1st Term only)	—	Times to be arranged			—	—
747	Accompanying	—	—	—	12	—	—
748	Methods of Teaching	—	Times to be arranged			—	—

DEGREE OF BACHELOR OF ARCHITECTURE

No. in Syllabus	Subject	Monday	Tuesday	Wed.	Thursday	Friday
FIRST-YEAR SUBJECTS—						
901	Building Construction I	—	12	—	—	—
902	Mathematics —Lectures	10	10	—	10	—
	Tutorials	11	—	—	—	—
903	Building Science I	9	—	—	—	—
904	History of Architecture I	—	—	10	—	—
905	Architectural Design and Planning I	—	11	—	—	—
906	Architectural and Free Drawing	12	—	—	—	—
SECOND-YEAR SUBJECTS—						
911	Building Construction II	—	—	12	—	—
912	Structures I	—	—	10	—	—
913	Building Science II†	—	9	9*	5.30†	—
914	History of Architecture II	—	10	—	—	—
915	Architectural Design and Planning II	—	—	11	—	—
THIRD-YEAR SUBJECTS—						
921	Building Construction III	—	—	—	12	—
922	Structures II	—	—	—	10	—
923	Building Science III†	12	—	9	—	—
1008	Surveying IA—Lectures	—	—	—	9	—
	Practical	—	—	—	—	2-5
926	Architectural Design and Planning III	—	—	—	11	—
924	Professional Practice I	—	—	—	—	11
FOURTH-YEAR SUBJECTS—						
931	*Building Construction IV	—	—	—	—	9
932	*Structures III	—	—	—	—	10
933	†*Building Science IV	—	—	—	9	—
934	*Professional Practice II	—	—	—	—	12
935	Town and Country Planning and Civic Design	10	—	—	—	—
	*Honours Seminars	—	—	—	10	—
FIFTH-YEAR SUBJECTS—						
941	Structures IV	—	10	—	—	—
942	Building Science V†	—	—	9†	—	10
	Honours Seminars	11	—	—	—	—

All practical and studio work including the thesis will normally be carried out during the afternoon sessions. Students will, however, also need to devote a part of evening sessions and weekends to practical work especially during the later part of the course.

* Two terms only.

† One term only.

‡ Includes parts of Architectural Theory, Construction and Practice (syllabuses nos. 401, 402 and 403).

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